

Professional Development

Including:

Career Planning

Cover Letter

Resume

NatStuCo Conference Slides

Anesthesiologist:

1. Anesthesiologists work in medical environments and are responsible for the full monitoring and evaluating of patients. Anesthesiologists deliver pain anesthetics during times like surgery. They will also monitor patient vitals before, during, and after surgery in order to make sure there are no complications and also to catch potential complications early to ensure the best wellbeing of the patient after operation.
2. A student must get a bachelor's degree at a college. Then they must pass an MCAT exam (Medical College Admissions Test). After this is four years of medical school and when they graduate, they take a USMLE exam (United States Medical Licensing Examination) and follow it with four years of residency in a hospital. Then one must get state licensing and board certification to become a practicing anesthesiologist in California.
3. Anesthesiologists make on average \$420,000 dollars a year in California. There is relative job security especially because COVID encouraged many to stop their pursuits of the medical field. The need for anesthesiologists is so large too for every surgery and there is never a shortage of hurt people. Some benefits of the job include malpractice insurance, health insurance and health savings account, relocation assistance, life insurance, disability insurance, and a 401k.
4. Anesthesiologists must be knowledgeable about their patient's records in order to judge the level of anesthetic needed. Anesthesiologists also have to cooperate with their duties with the procedures of multiple other medical colleagues in a combination effort in the OR. Anesthesiologists also lead the postoperative care in conjunction with the patients and their families.
5. The career of anesthesiology is interesting to me because it involves chemistry which is one of my favorite subjects.

Environmental Engineer

1. Environmental engineers use chemistry and biology to think of solutions for environmental issues. These include issues with recycling, waste disposal, public health, water pollution, and air pollution. Environmental engineers also manage certain departments of companies when keeping in check the companies following sustainability guidelines.
2. To become an environmental engineer, one must have a bachelor's degree in environmental engineering or a related engineering such as civil, chemical, or general engineering. Employers also value previous experience in the career. In order to provide services to the public, an environmental engineer must also get a state licensure. To attain this, one must have four years of engineering schooling, four years of engineering

experience after graduation, and a passing grade on the PPE exam (Principles of Practice and Engineering).

3. The average yearly salary of an environmental engineer in California is \$89,000. The highest percentage made \$140,000 while the lowest made \$53,000. Some benefits include disability insurance, health insurance, employee assistance program, and dependent care reimbursement. The career has job security because being such a high level career, there isn't a huge influx of people coming into the career. The environment is also worsening in health so environmental engineers are needed more now than ever.
4. In a municipal setting, environmental engineers work on water quality which is a big issue in cities. In company settings, environmental engineers often work with the management of toxic chemicals and the preventive measures to keep those contained. In a specific environmental organization setting, there is more of a wide range of systems that environmental engineers have the opportunity to construct.
5. Environmental engineering is very interesting for me because I am passionate about the science of the natural world. I find it interesting to learn how to live more sustainably and create more efficient systems for the world around us. It makes the world a better place. It also incorporates more than just knowledge by being a very applied science.

Environmental Attorney

1. An environmental attorney is an advocate for the wellbeing and equitable justice representable for the environment. These attorneys go to court on issues relating to renewable energy, sustainability, and climate change.
2. A student must first go to college for four years to earn a Bachelor's degree, usually in environmental policy or justice. Then the student must attend an ABA-accredited law school for three years to get their Juris Doctor degree. Then the graduate must pass the bar exam in the state they intend to practice in to be able to finally become an attorney.
3. The average salary of an Environmental Attorney in California is \$160,000 per year. The average employee benefits are dental and health insurance, life insurance, disability insurance, travel insurance, and accidental death/dismemberment insurance. Environmental law career prospects are aligned with the national average of 6% job growth and this keeps a steady availability for job prospects.
4. Environmental Attorneys need to have flexible schedules because travel and long hours are often required. This type of attorney may represent individuals, companies, or governmental organizations. This type of lawyer has to be able to work in conjunction with many groups of people to both assess their client and the actual situation.

5. Environmental law seems interesting because it combines my strengths of English and science. I am very good at arguing a point, especially when it comes to the things that I am very passionate about.

Dillan Saltsman

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December 6, 2021

To whom it may be concerned,

Applying for employment in the department of anesthesiology is something I take high interest in. I recognize the importance of this role in ensuring the safety of patients undergoing complicated procedures and intend to dedicate a range of experience to executing this.

When I was young, I had an initial fond admiration for science and in particular chemistry, which became a lens of perspective used to view all aspects of life. I believe that we don't find passion and it instead is what finds us. I hadn't known how scientific knowledge would involve itself in my daily pursuits though. Then I had a series of major losses, grew a familiarity with the medical terminology and environment, and immediately saw a field that needed dedicated, selfless, and scholarly proficient individuals.

Education has been important in developing a knowledge base as I have taken an advanced college level curriculum. Leadership is also one of my courses and has taught me leading individual management skills. Extracurricular experience includes Science Olympiad competitions that taught efficient problem solving. A medical club and Red Cross have opened a pathway into learning about medicine fields, hands-on meaningful projects, and the mission to aid the community. A proficiency of perfection in English state assessments, as well as partial literacy in Spanish, can progress actively towards communicating clearly, genuinely, and effectively with the patients in need.

I desire to further develop the skills this career requests by attending medical school at Stanford University. Actions done to this point in time had the purpose behind them. That purpose was to develop a set of skills best fit to serve the medical organization and the reputation it holds of providing life-saving care. I look forward to speaking further and express my gratitude for your time in considering this application.

Sincerely

Dillan Saltsman
Enclosure

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OBJECTIVE

- Become hired as an anesthesiologist in the department of the medical center applied to.

EDUCATION

Graduates 2023

Ripon High School, Ripon CA

- Weighted GPA of 4.34 (Unweighted of 4.00)
- Dual Enrollment at Modesto Junior College
- Courses: AP/Honors Biology, Chemistry, AP Environmental Science, Health, Honors Math
- Language and communication proficiency
 - CAASPP state test English perfect score for three consecutive years.
 - AP/Honors English Language courses taken
 - Partial literacy in Spanish

EXPERIENCE

- Volunteer Math Tutor 2021-2022
 - Assists students K-8 of local elementary schools
- Red Cross Youth Volunteer 2021-2022
 - Committed 27+ hours to service
 - Learning the mission of the medical field with real experience
- Scrubs Medical Club 2021-2022
 - Member learning about medical pathways and schooling
- NatStuCo Leadership Conference Two-Time Presenter 2021
 - International attendance of students and teachers
 - Topics: Meaning of Passion, Power of Time Management
- Solution-Based Environmental Advocacy Club 2020-2022
 - President and Founder
 - National, regional, county, and local affiliations
 - Large-scale community service projects
 - www.saveourplanetripon.weebly.com
- Ripon High Organization of Speech and Debate 2020-2022
 - Vice President and Co Founder
 - Participated in numerous speech competitions
- Hepatitis B Awareness Club 2020-2022
 - Vice President and Co Founder
- Leadership 2019-2022
 - Junior Publicity/Public Relations/Student Senate
- Science Olympiad Team Competitor 2019
 - 9/22 ranking for county Water Quality event
- Autism Speaks Walk for a Cause Volunteer 2019
 - Setup/donation/t-shirt/interaction with neurodivergent youth

Dillan Saltsman - Meet the Pros - The Meaning of Passion



LEADFALL

NOVEMBER 5-6, 2021 | ONLINE





The Question:

**What is the Meaning of
Passion?**



What is Passion?



Main Takeaways

- Passion is what you most care about in the world.
- Passion deserves your dedication
- Action for passion feels like time well spent.



How Do You Find Passion?



Main Takeaways

- You do not seek passion, your passion finds you.
- Figuring out your passion is a gradual process.
- The journey towards discovering passion has not set time limit.
- Action supporting your passion is what you do because you care.

Why is Passion Important?



Main Takeaways

- Time you spend feels like it is worth it.
- Passion feels more like fun than work.
- Your care and enjoyment of your passion encourages the work you do.



How Does It Apply to My Life?



Main Takeaways

- You will know when you've found your passion
- Don't rush the process.
- Don't let society limit you.
- Follow your dreams and consider your overall well being.
- Passion = happiness

**don't rush
the process.
good things
take time.**

Questions?

Contact:

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National Student Council Organization



Going for Gold!





National Student Council Organization & Opportunity

- *NatStuCo **International** Virtual Conference June 2021*
- *Four day Conference with Keynote Speakers and opportunities to network and connect with other students around the world.*
- *Digital Badge Opportunity - A chance to be recognized as a distinguished national leader.*
- *Connections with the National Association of Secondary School Principals (NASSP) and the National Honor Society (NHS).*

National Student Conference 2021

- Theme: *“Students Making History: Life, Liberty, and the Pursuit of Leadership”*
- Lessons learned that we took back to our campus and community
 - *Keep up with an ever changing world*
 - *Give everything your all with no regret*
 - *Every community has individual needs*
 - *Push out of your comfort zone healthily*
 - *Be a light for others*
 - *Value each person as a leader*



November 2021 Presentations

- *Application process*
 - *Started September 2021*
 - *Steps to get approved and accepted*
- *Presentation Topics*
 - *Leadership from the Outside In*
 - *Power of Time Management*
 - *Meaning of Passion*
 - *Revitalizing Clubs in the “post COVID” era*
- *Not many student led presentations*
 - *Ripon High had 4 students*
 - *About 15 student NATSTUCO presenters in total*



National Council of Excellence Going For Gold!

- Recognizes middle and high schools that demonstrate highly effective student councils and evidence of student service.
- Only 351 middle and high schools in the world!!!
(Less than 1% of all schools in 2020)
- Extensive requirements to apply:
asbofriponhighschool.weebly.com
- 4 Project Entries Required - The Tribe Award, Mock Interviews, Grateful Graduate, and College Reveal