

AARON J. NGUYEN

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EDUCATION

Princeton University

B.S.E. in Electrical Engineering

Princeton, NJ

Expected May 2022

Sheldon High School

Sheldon Biotechnology Academy (4.49 GPA)

Sacramento, CA

May 2018

- **Honors:** Salutatorian, AP Scholar with Distinction, California Scholarship Federation, National Honor Society

RESEARCH AND PROJECTS

UC Davis Institute for Regenerative Cures

Conference Guest Speaker

August 2018

- Spoke among 100+ CIRM SPARK research interns and scientists about my research experiences

CIRM SPARK Research Intern

June 2016 – August 2016

- Cultured human embryonic stem cells into neural stem cells for treatment in neurodegenerative diseases
- Created a professional lab poster and presented research at the SPARK symposium research conference
- Attended a graduate level course in stem cell biology by Dr. Gerhard Bauer
- **Award:** SPARK Research Scholar Award

Map Your Future

August 2017 – October 2017

- Organized stations of biotech lab experiments for local kids in the community to be a scientist
- Trained and oversaw the members of the Biotech Academy on the various stations and their interactions with kids
- Turnout of over 100 kids with many interested in joining Sheldon's Biotechnology Academy in the near future

UC Davis Teen Biotech Challenge

January 2016 – May 2016

- Designed an educational website focused on personalized medicine and its impact on society
- **Award:** 3rd place in "Regenerative Medicine"

LEADERSHIP EXPERIENCE

Princeton University Entrepreneurship Club

Operations Team Member

Princeton, NJ

September 2018 – Present

- Plan social events open to all E-Club members to create cohesion between sub teams within E-Club

Sheldon High School Biotechnology Academy

President (2017-2018), Secretary (2016-2017), Treasurer (2015-2016)

Sacramento, CA

May 2015 – 2018

- Worked alongside officers and academy advisors to prepare academy meetings, events, and activities
- Coordinated blood drives through BloodSource at Sheldon High School with turnouts of over 200 donors
- Prepared and posted agendas for executive board and academy meetings, events, and activities

Science Fair Mentor and Judge

February 2015 – March 2018

- Advised students on their projects guiding them through the process of experimental design
- Graded and judged elementary school science fair projects, selecting winners in each grade level

Sheldon High School Science Olympiad

Member

Princeton, NJ

August 2014 – April 2018

- Studied and performed laboratory tests in scientific disciplines including biology, chemistry, and physics
- **Awards:** 11 total medals including 2nd place in "Invasive Species," 6th place in "Chemistry Lab," and 6th place in "Materials Science," at Northern California State Competition

Test Proctor

March 2016 – March 2018

- Designed and administered tests at the elementary school Science Olympiad for the event "Write it Do it"

SKILLS

Lab Experience: Aseptic technique (from bench to GMP environments), stem cell culture and directed differentiation, DNA/RNA extraction, experimental design, microscopy, spectrophotometer use, gel electrophoresis, media preparation, bacterial inoculation, gram staining, PCR, immunocytochemistry

Computer Technology: Microsoft Word, Excel, PowerPoint, and Publisher, website development, PTC Creo, 115 WPM typing