

Zachary Robin

zachbrobin@scu.edu | 425.614.8939
Permanent: Seattle, WA

EDUCATION

SANTA CLARA UNIVERSITY
BACHELOR OF SCIENCE, COMPUTER
SCIENCE AND MATHEMATICS
Minor: Studio Art
Graduation: June 2020

CODING

C++ • C • JS • Python • Assembly •
React • Scala • Java • HTML5 + CSS 3

COMPUTER SKILLS

MongoDB • JSON • XML • Azure •
Windows • Linux • Unity Engine • FTP
• Git Data Structures • MacOS • Jira •
Confluence

COURSEWORK

Machine Learning/ Data Mining •
Software Management and Design •
Embedded Systems • Object Oriented
Programming • Data Structures •
Discrete Math • Computer Networking
• Programming Languages • Theory of
Algorithms • Web Programming •
Linear Algebra • Logic and Design

INVOLVMENT

SCU EMS • SCU Laptop Orchestra •
Maker Club • ACM • TEDxSCU

CERTIFICATIONS

PediatricPlus CPR, AED, and First Aid
Instructor (SCU EMS, 2020)

WEBSITE QR CODE

**SCAN TO VIEW MY PERSONAL
WEBSITE**



EXPERIENCE

ADAPTIVE BIOTECHNOLOGIES | Software Engineering Intern
Jun 2019 - Aug 2019 | Seattle, WA

- Worked with Software Engineering Assurance team (SEA) utilizing Agile software development
- Designed automated tests in Java to validate and verify Pipeline for Ogami Release
- Designed parsing algorithms in Java for internal XML, JSON, CSV and TSV documents improving readability
- Debugging and documenting existing Java code from previous pipeline releases in Confluence and Jira
- Designed full stack MERN application for conference room displays

THE 2THFAIRY NPO | CO-Founder/ OPERATOR
May 2011 - June 2017 | Seattle, WA

- Created, designed and manage website
- Designed and prepared packages for efficient shipment.
- Acquire donations and manage fundraisers
- Coordinate national and international partnerships

EXTRACURRICULAR

SANTA CLARA LAPTOP ORCHESTRA (SCLOrk) | Member of Ensemble
Dec 2019 - Present | Santa Clara, CA

- Designing synthesizers in Supercollider
- Programming music visualizer and interpreter in Python
- Performing live pieces in ensemble

SCU EMS | EMT-B
April 2018 - Present | Santa Clara, CA

- Respond to emergencies in university community using basic life support techniques
- Perform complete medical and psychological assessment, provide immediate pre-hospital treatment

SCU EMS | Operations Officer
May 2019 - Present | Santa Clara, CA

- Balances and maintains operational budget of \$25,000 used to cover transportation, food, equipment and training costs
- Maintains all operational equipment, including medical, organizational, and transportation assets
- Attending the 2020 National Collegiate Emergency Medical Services Foundation (NCEMSF) conference representing SCU EMS

HOUR OF CODE | VOLUNTEER
December 2017 | Santa Clara High school, CA

- Presented on computer science to novice students.
- Educated and assisted high school freshman with first time coding.