

EDUCATION:

Bachelor of Science in Computer Science

Aug 2021

San José State University | San Jose, CA

GPA: 3.46

WORK EXPERIENCE:

3D Modeler

Feb 2016 - Feb 2019

Shapescape | San Jose, CA

- Collaborated with international team members to complete commissioned projects within assigned deadlines.
- Attended scheduled discussion meetings and maintained project backlogs using Slack and Trello.
- Modified project requirements to satisfy dynamic client requests.
- Developed creative skills in multimedia production and digital art.
- Became familiarized with content creation and photo / video editing software.

Technical Consultant

June 2015

International Tax Accountant | San Jose, CA

- Provided technical support for the installation of hardware components on office computers.
- Carried out secure data deletion of sensitive client information.
- Performed proper disposal of obsolete electronic devices.

PROJECTS:

- **Twitch.tv Users Network Analysis** - Collected and analyzed Twitch user data to perform a social network analysis. Categorized separate user community clusters and network properties using Python, Gephi, and R.
- **Python Phylogenetic Analysis** - Conducted genetic analysis of 44 related species using the Bio Python Package. Performed multiple sequence alignments of mRNA text strings and produced Phylogenetic tree diagrams.
- **Bookstore Prototype Project** - Java bookstore commerce system with user interfaces and a locally integrated database. Included features to register customers, create products, and search through the store inventory.
- **Search Bot** - Python Discord Bot project used to optimize searching for content on specific web pages. Utilizes Discord's API to retrieve user text inputs and returns any results found from a predefined list of websites.
- **Pretty Boxes Store Project** - E-commerce web application developed with peers. Used AGILE methodologies to design and manage projects through bi-weekly sprints. Implemented in Java using Spring Boot and MySQL.

SKILLS:

Programming Knowledge

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|---------|------------|---------------|-----------|-----------------|--------|
| • Java | • Python 3 | • Spring Boot | • Verilog | • R Programming | • HTML |
| • Scala | • PHP | • Bootstrap | • X86 ASM | • AGILE / SCRUM | • CSS |

Tools & Technology

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|-----------------|------------------------|--------------------|----------|-----------|-----------|
| • Eclipse IDE | • Git | • Git Bash | • Trello | • Slack | • Linux |
| • PyCharm | • Github | • Gephi | • Jira | • Discord | • Windows |
| • Visual Studio | • Adobe Creative Cloud | • Microsoft Office | | | |

RELEVANT COURSEWORK:

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| • CS 123B: Bioinformatics II | • CS 152: Programming Paradigms |
| • CS 146: Data Structures and Algorithms | • CS 158A: Computer Networks |
| • CS 151: Object-Oriented Design | • CS 166: Information Security |
| • CS 147: Computer Architecture | • CS 174: Server-side Web Programming |
| • CS 149: Operating Systems | • CS 185C: Intro to Social Network Analysis |