Maxwell Mohammadi

www.linkedin.com/in/maxwellmohammadi | mcmohamm@calpoly.edu | www.maxmohammadi.com

EDUCATION

California Polytechnic State University, San Luis Obispo
Computer Science, BS (June 2022)
- **Major GPA:** 3.6 / 4.0

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Object-Oriented Programming, Computer Organization, Systems Programming, Discrete Structures, Technical Writing for Engineers, Operating Systems

SKILLS

Programming Languages: Python, Django, JavaScript, ReactJS, Java, C/C++, Docker
Software Tools: Git(hub), Unix, AWS (EC2/S3), Unity 3D, Firebase, Microsoft Power BI

WORK EXPERIENCE

Proximai, San Luis Obispo, CA
AI Aerospace Research Intern (April 2020 - Present)
- Researched and prepared 3 independent advanced technologies to NASA Innovative Advanced Concepts (NIAC): Deep Reinforcement Learning (DRL) spacecraft guidance system, Micro-Organic Spacecraft Shielding, and a DRL simulation environment for Warp Drives that allow faster-than-light travel
- Contributed to development of Rapid Deployment AI Recommendations (RaDAR), a spatial-temporal data analysis framework which provides GO/NO-GO areas for military aircraft landing during mission anomalies and natural disasters

Cal Poly Computer Science & Artificial Intelligence, San Luis Obispo, CA
Data Acquisition Developer (January 2019 - Present)
- Contributed to the "Nimbus" voice assistant and chatbot project, which provides the Cal Poly Computer Science department with relevant information about the department and university
- Developed site scraping programs to aid the Natural Language Processing data acquisition and data pipeline optimization

Ernst & Young, San Francisco, CA
Forensics & Integrity Services Intern (July 2020 – August 2020)
- Worked with a team of 10 interns to win our capstone project competition
- Developed a "back to work" COVID-19 strategy as well as an employee mobile app for Ford Motors
- Trained in Excel, Microsoft Power BI, Alteryx, Relativity
- Learned about various areas of forensics: anti-money laundering, inter-governmental, services, eDiscovery, data analytics
- Worked with EY Forensics professionals on client engagements, analyzed data for sentiment analysis and fraudulent financial reporting

Camp PolyHacks, San Luis Obispo, CA
Sponsorship Organizer (May 2019 – February 2020)
- Facilitated and organized corporate sponsorships at the 2020 Hackathon, hosting 100+ Cal Poly students at the SLO HotHouse
- Communicated with recruiters and mentors from tech firms, and raised over $25,000 for students to create technology, software applications, and businesses

Valence Law Group, Walnut Creek, CA
Administrative Intern (July 2018 – September 2018)
- Assisted principal attorneys/paralegals with commercial lease document editing/reviewing for tech firms in the Bay Area
- Designed and organized a workflow system for the firm using Clio Legal Software and Insightly CRM automation tools
- Processed attorney invoices and kept track of their billable time
- Utilized Microsoft Excel, Word, and Outlook in matters relating to commercial property ownership and management

PROJECTS

Mentive Web App (https://mentive.org/prototype/**)**
- Developed a web-based social networking application for tutors in college
- Software stack used: ReactJS, AWS, Python, Django, NodeJS, MongoDB