MARL JONSON

Martinez, CA

+1 (925) 812–6907   marl.jonson@comcast.net   github.com/marljonson   linkedin.com/in/marljonson

Education

San Jose State University   **San Jose, CA**
Bachelor of Science in Computer Science, Minor in Professional and Technical Writing   *Expected: May 2027*
- **Organizations:** Software and Computer Engineering Society, Mozilla Responsible Computing Club
- **Relevant Coursework:** Java Programming, Data Structures, Discrete Mathematics, Calculus I & II, Technical Writing

Experience

Data Team Intern   **Mar. 2025 – Present**
Matthew Quevedo for District 3   *San Jose, CA*
- Leveraged GeoJSON data with MapHub, GeoPandas to extract in-person canvassing routes to promote civic support
- Conducted weekly cold calls to San Jose residents to inform them of Quevedo's policies on crime and homelessness
- Received and responded to tasks, priorities, and campaign updates via Slack and Outlook messages

Product Operations Specialist   **Mar. 2025 – Present**
SJSU Product Management Club   *San Jose, CA*
- Developed the "Product Playbook" series of weekly technical lectures using Slack and Google Slides
- Communicated personal tasks and duties to club division supervisor via Gmail and Google Docs

Program Management Ambassador   **Jan. 2025 – Present**
Mozilla Responsible Computing Club   *San Jose, CA*
- Developed and hosted 5+ immersive panel speaker programs in collaboration with the Mozilla Foundation
- Cold-contacted 10+ industry professionals daily via e-mail and LinkedIn to develop professional relationships for events
- Published a custom Jira project and utilized Agile methodologies to coordinate event logistics and cross-team timelines

Machine Learning Research Intern   **Sep. 2024 – Present**
SJSU Charles W. Davidson College of Engineering   *San Jose, CA*
- Employed machine learning algorithms with Python to develop insights pertaining to diabetes prediction
- Routinely parsed public datasets and academic papers (Kaggle, IEEE Xplore) to extract relevant testing data resources
- Precisely documented weekly Zoom stand-up insights using Word and Excel, contributing to research strategies

Molecular Research Extern   **Dec. 2024 – Jan. 2025**
The Molecular Sciences Software Institute   *Los Angeles, CA*
- Leveraged Google Colab and Jupyter Notebook to develop chemical models and collaboratively analyze XLS data
- Utilized machine learning algorithms and Python programming libraries to operate simulations of molecular dynamics (OpenMM), visualize chemical metadata (NumPy, Matplotlib), and parse laboratory files (Pandas)
- Actively participated in professional development initiatives led by Cal State LA faculty and software scientists

Projects

Consumer Data Insights | *Python, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook, CSV*
- Leveraged K-means clustering to analyze Excel customer purchasing behaviors and demographics
- Utilized Scikit-learn and Matplotlib to visualize data insights in sequential format with Jupyter Notebook

Draftly | *React.js, Node.js, OpenAI API, JavaScript, HTML, CSS, Git, Figma*
- Developed a React.js web application to dynamically transform user inputs into tailored resume format
- Integrated OpenAI API to optimize and select relevant user-inputted information to a downloadable PDF file
- Leveraged Git, GitHub, Slack, and Discord to collaborate with front-end and back-end developers

Listenade.com Music Blog | *JavaScript, HTML, CSS, Git*
- Developed a music magazine website to display text reviews with optimized desktop and mobile scaling
- Created a directory system using GitHub and GitHub Pages, connecting the repository to a personal domain

Skills

Languages: Python, Java, JavaScript, HTML, CSS
Developer Tools: Git, GitHub, Visual Studio Code, Jupyter Notebook, Figma, Tableau
Computer Skills: Jira, Slack, Zoom, Microsoft Office Suite (Excel, Word, PowerPoint, Teams), Google Workspace Suite