

Skills and Technologies

- Programming: Proficient – Java; Moderate –Python; Beginner – HTML, CSS, SQL, JavaScript
- Technologies: Tableau, Salesforce, Jupyter Notebook, Rally, VSCode, IntelliJ
- Technical writing/communication skills acquired through multiple engineering research papers, presentations, and client-facing roles

Education

Bachelor of Science in Electrical Engineering, University of Washington, June 2020 GPA: 3.56

- Organizations: Alpha Kappa Psi (member), Institute of Electrical and Electronics Engineers (officer), Society of Asian Scientists and Engineers (officer)

Experience

Technology Consulting Analyst, *Accenture* Nov. 2020 – Present

- Support high-tech clients within Salesforce Business Group in optimizing Salesforce platform performance and customization based on business needs
- Communicate between development team and clients, grooming feature requirements with client while detailing technical feasibilities and barriers
- Create custom objects, set permissions for user profiles, and edit page layouts within Salesforce console following user story requirements
- Configure new Salesforce automation processes based on agile story requirements, including Flows

Engineering Research Assistant, *University of Washington* Jan. 2020 – March 2020

- Worked with PhD student within Sensing, Communications, and Computing Group research lab at University of Washington in developing bit and packet error rate measurement software for NeuroDisc wireless brain-computer interface
- Designed test protocol and experimental process to accurately measure backscatter communication system receiver performance under varying conditions
- Developed Verilog code to generate exhaustive 16 bit binary sequences
- Research open-sourced bit error calculator methods to check received packets at receiver and calculate errors in data transmitted

Software Engineering Intern, *Accenture* June 2019 – Aug. 2019

- Worked with Customer Contact Management team in analyzing customer data gathered from Salesforce Marketing Cloud
- Developed automated emails within Salesforce Marketing Cloud using HTML and AMPscript
- Led multiple meetings between finance and software development teams in gathering preferred outcomes of potential database implementation, identifying business opportunities
- Designed database schema for potential new database system and performed data mapping between existing data sources, sampling data using SQL
- Utilized Tableau to present customer data analysis to entire Digital Marketing department of ~75 employees, displaying benefits and influencing stakeholders to support new project

Projects

K-Means Image Segmentation Application (2019)

- Graphical User Interface in MATLAB containing multiple parameters and buttons for user input in image segmentation. Displayed before and after effects of image segmentation on user-inputted photo

Incremental Learning-Based Spell Checking API (2020)

- Developed local search query spell-checking API with three graduate students for senior electrical engineering capstone. Researched word and character embedded deep learning techniques. Implemented search bar functionality for web demonstration of spell-checking API