

Summary of Qualifications

- Programming: Proficient – Java, Python; Moderate – HTML, CSS; Beginner – SQL, JavaScript
- Technologies: Tableau, Salesforce, Jupyter Notebook, Git
- Excellent public speaking and communication skills acquired through professional client-facing roles, sales associate experience, and student consulting projects
- Technical writing skills acquired through multiple engineering research papers and presentations

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 Analyst, *Accenture* Nov. 2020 – Present

Research Assistant, *Sensing, Computing, and Communications Group* Jan. 2020 – March 2020

- Implemented test protocol and code to accurately measure backscatter communication system receiver performance under varying conditions
- Generated pseudo-random sequence of 16 bits using a linear feedback shift register in Verilog
- Developed Python script to check received packets at receiver and calculate errors in data transmitted

Technology Analyst – Intern, *Accenture* June 2019 – Aug. 2019

- Worked with Customer Contact Management team in analyzing customer data gathered from Salesforce Marketing Cloud
- Developed 3 automated emails sent to customers within Salesforce Marketing Cloud using HTML and AMPscript
- Executed all testcases on critical marketing feature, logging valid defects in rally environment
- Led multiple meetings between finance and technical teams in gathering requirements for potential new database system
- 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 uses and benefits of potential new database implementation

Project Manager, *Rho Consulting – Alpha Kappa Psi* March 2019 – Dec. 2019

- Led team of 3 student consultants in building out new website process for nonprofit organization
- Assisted in wireframing website designs for client, tracking current design trends and conducting user experience research
- Analyzed and assessed 4 database systems for client, weighing client needs and database performance potential
- Presenting findings and final recommendations of website + database stack along with roadmap of transitioning to new system

Incremental Learning Based Spell-Checking API, *Telenav* Jan. 2020 – June 2020

- Developed spell checking API with three graduate students for senior electrical engineering capstone
- Researched word and character embedded deep learning techniques such as Misspelling Oblivious Embeddings, RNN/LSTM, CharRNN
- Implemented search bar functionality for web demonstration of spell-checking API
- Wrote and reviewed 30-page technical report summarizing findings of senior capstone