**EDUCATION**

**University of South Carolina** Columbia, SC

Bachelor of Science in Computer Engineering May 2019

Graduated with Leadership Distinction in Public and Civic Engagement

GPA: 3.4

**EXPERIENCE**

**52inc** Columbia, SC

*Software Developer* Jul 2019–Present

* Develop web and server applications using JavaScript and Python libraries
* Utilize custom webpack configurations for applications such as Microsoft Word and Google Docs
* Design visually appealing frontends with Sketch and creating them in React-based frameworks
* Participated in code review for unit-testing and code linting

**Center for Digital Humanities** Columbia, SC

*Software Developer* Dec 2018–May 2019

* Developed web applications using Django and React and managed servers using Nginx/Gunicorn
* Built behavioral and unit tests for web applications throughout the department

**Van Robotics, LLC** Columbia, SC

*Software Developer and Hardware Engineer*  May 2018–Nov 2018

* Designed prototypes for Django web app that helps tutor fifth-grade students
* Designed the beta of the robotic hardware used to run the web app

**University of South Carolina Student Success Center** Columbia, SC

*Supplemental Instructor and Peer Leader* Aug 2016–May 2019

* Presented three weekly supplemental study sessions to develop concepts for students and enhance their understanding, hosting up to 50 students per session
* Developed lesson plans about computer science topics

**SKILLS**

* Programming: C/C++, C#, Dart, Java, JS, MIPS, Python, Shell, Rust, TypeScript, Verilog
* Technologies: Actix, AWS, Diesel, Django, DigitalOcean, Docker, Falcon, Firebase, Flask, Flutter, GatsbyJS, Git, Material UI, Netlify, NextJS, Nginx, Node, PostgreSQL, React, Rocket, Selenium
* Web application development using Python and JavaScript applications (Client, Server, or Static)
* Project Management and Software Life-Cycle management with GitHub, GitLab, and Jira
* Experienced with mono-repos that utilize multi-language and multi-platform solutions for clients
* Skilled in path-finding algorithms, robotic algorithms, and machine learning
* Strong verbal communication skills from tutoring and instructing students as well as client calls
* Trained in HIPAA compliance and experienced with HITECH compliance