

Judson James

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EDUCATION

University of South Carolina

Bachelor of Science in Computer Engineering

Graduated with Leadership Distinction in Public and Civic Engagement

GPA: 3.4

Columbia, SC

May 2019

EXPERIENCE

52inc

Software Developer

Columbia, SC

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

Software Developer

Columbia, SC

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

Software Developer and Hardware Engineer

Columbia, SC

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

Supplemental Instructor and Peer Leader

Columbia, SC

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