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AUSTIN HOAG

Software Engineering Intern

Education

Vanderbilt University
GPA: 3.66/4.00
Nashville, TN

B.S. Computer Science & Educational Studies Candidate (Expected Graduation May 2021)

Relevant Course Work
Data Structures
Operating Systems
Discrete Structures
Computer Organization
Programming Languages

Technical Skills

C++
JavaScript
Google Cloud
NodeJS
HTML
Java
CSS

Professional Experience

UNDERGRADUATE HEAD RESIDENT
Vanderbilt University, Nashville, TN / Aug 2018 - Present
- Collaborated with a team of nine resident advisors and a Faculty Head of House to implement weekly programming for over 200 attendees
- Selected to live on a floor with 60 first-year students and aid in their assimilation to the college environment through programming and meaningful conversations

SOFTWARE ENGINEERING INTERN
Principal Financial Group, Des Moines, IA / May 2019 - August 2019
- Completed a partial rewrite of a process application ran on IBM's Business Process Management platform. The process relates to terminating an onboarding process and is used by roughly 40 implementation mangers per week
- Planned and built the majority of the front end on a new non-qualified onboarding portal during a week-long Intern Code Jam program, the project was built on Google Cloud Platform and featured Firebase Authentication, page based permissions, a dynamic to-do list, drag and drop capabilities, and Salesforce integrations

CLIENT SERVICE SPECIALIST
PerfectServe, Inc., Knoxville, TN / May 2015 - August 2018
- Created, modified, and removed rules from a dynamic rules-based engine used by 100,000 physicians
- Configured workflow solutions tailored uniquely to medical practices and midsized hospital workgroups

Personal Projects

Schools Vote! - *~70% Developed As Of August 2019*

A cost-effective, efficient Google-Sheet add-on. Schools Vote! allows educators to set up dynamic voting questions with a wide range of parameters. The program builds a Google form and allows the creator to establish specific voting criteria to ensure valid data. Based on a previous project that increased school voting 62.5%.

Farragut High School's FANS Program - *January 2017 - August 2017*
An automated mentor process app which includes a fully online application and recommendation process, mentor to mentee matching based on six personal identifiers (such as gender, academic interest, extra-curricular interest) with 70% of mentors and mentees sharing five or six identifiers, a fully automated notification process, and a survey and feedback process. During the first year of implementation, this program was utilized by 553 students.