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EDUCATION

West Lafayette, IN **Purdue University** **August 2018 – December 2022**

- **Major:** Computer Engineering, B.S.E (cumulative GPA: 3.5)
- **Minor:** Organizational Leadership
- **CS Coursework:** Algorithms & Data Structures, Cybersecurity, Networks, Operating Systems, Data Analysis, Compilers
- **EE Coursework:** Embedded Systems, Circuits, Digital System Design, Signal Processing
- **Leadership Coursework:** Project Management, Business Principles, Foundations of Leadership, Change Management

EXPERIENCE

Software Engineer, Intern **LeveragePoint Innovations** **May 2022 – August 2022**

- Developed an error handling notification service for a large-scale application and utilized Node.js to integrate with real-time notifications via Google Chat in addition to AWS CloudWatch logging
- Designed and built serverless applications using the Serverless Framework, including deployment, monitoring, and scaling of various cloud services such as AWS Lambda, API Gateway, and DynamoDB
- Built a Vue.js application and integrated it with AWS Cognito by implementing MFA and custom authentication flows utilizing AWS SDKs for creating and managing user and identity pools
- Created a client-side application of a real-time activity logger using Vue.js that integrated with Node.js microservices
- Leveraged knowledge in Git, Gitflow, AWS, Serverless Framework, JavaScript, Node.js, Vue.js, Pivotal, Agile

SWE Tools Teaching Assistant **Purdue University** **August 2021 – May 2022**

- Led lab sessions and provided one-on-one assistance to students by establishing trustworthy relationships
- Provided feedback and support to students to help them better understand course material and improve their skills
- Collaborated with the professor and TAs to ensure course material was up-to-date and relevant to industry standards
- Leveraged knowledge in Git, SVN, Bash, Python, HTML, CSS, JavaScript, Node.js, Flask, SQLite, JIRA

PROJECTS *(more available upon request)*

Metaporter – 3D scanning and reconstruction device **August 2022 – December 2022**

- Programmed, wired, and integrated embedded components to facilitate data communication and interface with users
- Implemented and automated high-level tasks on a nano computer for seamless data collection and transmission
- Conducted numerous rounds of testing and debugging to ensure the project met all specifications and requirements
- Collaborated with a team of three other students to design and develop a functional prototype
- Utilized: C, Python, Object-Oriented Programming, ROS2, Bash, Jira, Embedded Systems, Circuit Analysis, Soldering

Mock Reddit Website **November 2020**

- Designed a mock website similar to Reddit using Node.js, HTML, and CSS
- Implemented full-stack web development features including server-side rendering, user authentication, and CRUD functionality for posts using SQLite3
- Created APIs with Node.js for registering a user, writing posts, viewing profiles, & browsing the feed
- Utilized: HTML, CSS, JavaScript, SQLite3, Node.js, JSON, Python, JIRA for project management, Git

SKILLS

Software: AWS, Python, C, C++, C#, Java, JavaScript, SQLite, HTML, CSS, Assembly Language, Flask, Node.js, Vue.js, JIRA, Git
Hardware: Circuit Design & Analysis, Embedded Systems, Prototyping, Soldering