

AUSTIN NOH

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Education

PURDUE UNIVERSITY, WEST LAFAYETTE, IN

EXPECTED: DECEMBER 2021

B.S. in Computer Science, Minor in Psychology

GPA 3.2

Skills and Tools

Programming Languages: Python, Java, C/C++, ARM Assembly, JavaScript, BASH Scripting, Golang

Tools/Frameworks: Agile/Scrum, Spring Boot, Node.js, Express.js, React.js, MongoDB, Azure Cosmos DB

Professional Experience

Walmart Global Technology – Health & Wellness Team

May 2021 – Present

Software Development Intern

Bentonville, Arkansas

- Developed a full-stack application called **Service-Activity** for Pharmacists and Technicians to log activities and actions for Walmart Pharmacy customers across 4,500 stores in the United States.
- Utilized Agile Sprint methodologies to update team members every day throughout the development of the Service-Activity application. Used Confluence to document the application prior to development.
- Gained familiarity across different stacks such as Microsoft Azure Cosmos DB, Spring Boot, and Reactive Native through the development of the Service-Activity application.

Kroger Digital & Technology – Customer Enterprise Team

May 2020 – December 2020

Software Development Intern

Cincinnati, Ohio

- Contributed to the development of an API that fetches/distributes individual customer account data. Implemented Unit Tests to test success and failure cases for various types of CRUD operations that the service handles.
- Communicated with a mentor daily to explore different features of the back-end layer from developing a micro-service from scratch to converting an application to run within a Docker container.
- Implemented agile development techniques by attending daily stand-offs and weekly working sessions.

Relevant Projects

Service-Activity

May 2021 – August 2021

Tools: React-Native, Next.js, Node.js, Spring Boot, Azure Cosmos DB

- Designed the database, backend layer, and front-end structure of the app and documented the solution on Confluence
- Utilized Microsoft's Cosmos DB to allow global distribution of our Activity-Service API which is used across more than 4,500 Walmart pharmacies across the United States.
- Implemented Springboot to create a RESTful application. Used JUnit and Swagger to test the different endpoints of the API.
- Used React-Native to allow optimization for both mobile and web browsers. Structured different components for the app.

eProtect | Link: eprotect.app

Tools: Node.js, Bootstrap, Express.js, MongoDB, Web-Socket, Stripe, Mail-Gun

January 2021 - May 2021

- Developed a website to enable the creation of disposable emails and debit cards to protect user's personal information.
- Integrated CI/CD to our GitHub repository using Docker. Continuously pushed commits to the master branch which made instant changes to the running application on the cloud. Currently deployed through Digital Ocean.
- Used MongoDB database to keep track of user accounts, disposable emails, disposable credit cards, and user activity.
- Consumed multiple APIs such as Stripe, Nodemailer, Mail-Gun to grant functionality for disposable emails and debit cards.

Noha | Link: noha.vercel.app

Tools: Node.js, React.js/Next.js, Express.js, MongoDB, Auth0

January 2021 - May 2021

- Utilized Next.js to allow server-side rendering which improved SEO and extremely fast transition during navigation.
- Employed Auth0 which handles the security of the web application to keep track of users and admin privileges.
- Deployed the Next.js application on Vercel and the back-end API endpoints on Heroku's deployment service respectively.

Awards & Recognition

HackXD 2019

August 2019

Awards: Most Unique Solution, Best Pitch, 3rd place

- Participated in a multi-disciplinary hackathon to create an experience that adheres to the theme of Humanizing AI.