Thomas McKernan

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Core Skills

- Full Stack
- Version Control/Git
- JIRA/Confluence
- Linux/Unix
- Performance Testing
- Agile/Sprint-Scrum
- Spring Boot/Cloud
- Vue/Angular/Node

Education

B.S. COMPUTER SCIENCE | DECEMBER 2019 | UNIVERSITY OF DAYTON

- Major: Computer Science, Minor: Math
- Related coursework: Secure Application Development for web applications, Computer and Network Security, Programming Language Concepts and Implementations, Operating Systems, and Design and Analysis of Algorithms. Advanced Programming and Data Structures.
- My capstone project involves creating a front to back website with a backend in Spring, Mongo, and Kotlin, as well as a front end in Vuejs. This project required heavy documentation and various organizational strategies. This product can be seen on https://headway.dev

Experience

SOFTWARE DEVELOPER | PEAPOD | JUNE 2018 – AUGUST 2019

- Worked with several Vuejs projects as a researcher and team member
- Researched into several cross platform mobile frameworks for webview integration including Flutter, Nativescript, React-Native, and Xamarin Forms
- Built a sidecar for Peapod Microservices using Spring Cloud Gateway
- Researched Kubernetes and Docker
- Created and automated custom performance tests with Vegeta (Go), Gatling (Scala), and Jenkins
- Built front to back internal applications with Angular and Spring Boot

DATABASE ADMINISTRATOR | NORTHWESTERN UNIVERSITY | JUNE 2015 - CURRENT

- Found more efficient ways of updating the online database, by using auto-mouse-clickers and Excel formulae
- Traced and logged fiber cabling throughout campus.
- Received an Outstanding Service Award from the City of Evanston.

DEVELOPER | FLYER ENTERPRISES | NOVEMBER 2017 – AUGUST 2018

- Member of the app development team and in charge of Android deployment.
- Member of the FE Digital team which performs web development contracting.