

# Kurtis Taylor

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## Education

Purdue University Fort Wayne	GPA: 3.51/4.00
Master of Science, Applied Computer Science	August 2018 - December 2019
Bachelor of Science, Computer Science, minor in Mathematics	August 2014 - May 2018

## Qualifications

- Proficiency in Java, JavaScript (ES6, Node, MongoDB, React Native), C#, and Bash
- Familiar with programming under OSX, Linux (Debian), and Windows environments
- Experience with modern version control systems, such as Git
- In-depth knowledge of software architecture, software design patterns, Agile methodology, software specification and testing with Test Driven Development, and project management
- Highly responsible, comprehensive, and dedicated team player

## Professional Experience

Aptera Software, Fort Wayne, IN	August 2017 - Present
Software Engineer Intern	

- Work on various software and web projects, contributing to multiple Scrum teams
- Developing Structure, a homegrown time-tracking and project management system

IPFW Center for Academic Success and Achievement, Fort Wayne, IN	August 2015 - Present
Teaching Assistant, ScholarChat Mentor, Tutor	

- Mentor students to provide deeper understanding of computer science and math courses
- Established ScholarChat program, a student-led mentoring program designed to motivate students academically and build strong relationships with peers

OneAmerica, Indianapolis, IN	Summer 2017
Software Developer Intern	

- Worked on developing a portal for agents who sell and service insurance policies, provided in a modern, secure web application supporting desktop and mobile devices
- Developed automated documentation generators using SwaggerDoc for RESTful API
- Selected among class of 23 interns to host summer intern project presentation

IPFW Department of Computer Science, Fort Wayne, IN	April 2016 - October 2016
Research Assistant	

- Published paper with Dr. Zesheng Chen on the spread of influence in social networks
- Derived a mathematical Markov model to predict the spread of influence in undirected social network topologies, such as Facebook and LinkedIn, more accurately by 15%

## Relevant Projects

Indoor Navigation: Improving Patient Experience, Senior Capstone Project	May 2017 – May 2018
Team Leader, sponsored by Parkview Health	

- Developed native Android application that provides indoor navigation and wayfinding capabilities for hospital patients and visitors using BLE beacons
- Built highly scalable prototype infrastructure covering 25,000 square feet

DrinkLink, Software Engineering Semester Project	January 2018 – April 2018
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- Mobile application written in React Native that enables users to share beer, wine, and liquor prices after visiting local liquor stores