

# Kurtis Taylor

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## Education

**Purdue University Fort Wayne**

GPA: 3.51/4.00

**Master of Science, Applied Computer Science**

August 2018 – May 2020

**Bachelor of Science, Computer Science, minor in Mathematics**

August 2014 – May 2018

## Qualifications

- Proficiency in C#, VB.NET, JavaScript (ES6, Node, Angular), SQL, and Bash
- Familiar with programming under OSX, Linux (Debian), and Windows environments
- Experience with Azure, Microsoft DevOps, and Microsoft TFS
- Adept with modern version control systems, such as Git and Microsoft TFVC
- In-depth knowledge of software architecture, software design patterns, unit testing via Test-Driven Development, Agile methodology, and project management
- Highly responsible, comprehensive, and dedicated team player

## Professional Experience

**Aptera Software**, Fort Wayne, IN

January 2018 – Present

*Software Developer*

- Work on various software and web projects, contributing to multiple Scrum teams
- Develop highly customizable and extensible websites using the Sitefinity platform
- Integrate third-party vendor applications and services into existing systems

**IPFW Center for Academic Success and Achievement**, Fort Wayne, IN

August 2015 – May 2018

*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

- Mobile application written in React Native that enables users to share beer, wine, and liquor prices after visiting local liquor stores