

## SUMMARY:

I am software engineer with a strong background in object-oriented programming and test-driven design. I am always looking to learn new things and can quickly learn new tools and technologies as well as integrate myself into teams wherever I am needed.

## EXPERIENCE:

New Day CPS, New Castle, PA

### IT Consultant

2017-2018

- Consulted with client to find the best solution for their Electronic Medical Record (EMR) needs while still meeting HIPAA guidelines and gave weekly reports on progress
- Built a custom server to host the EMR and other files pertinent to patients and employees at the practice
- Created documentation for full-time employees that would handle maintenance of the server once it was completed

## RECENT PROJECTS:

### Baseball Season Simulator - Developer

Fall 2018

- Senior capstone where I worked with one other partner to create a baseball season simulation
- Designed an SQLite database to store player and team data and worked in Python to develop the scripts to load player and team statistics into our databases. Also built the object relational mapping scheme between our database and our Java simulation. Eventually handled our migration over to Hibernate to handle ORM once it was more optimal.
- Helped develop the simulation code in Java as well as implemented Maven to streamline our build automation and dependency resolution process.

### Chirp - Developer

Fall 2018

- Twitter clone built from scratch using the Android SDK and a web server using Apache Spark to handle HTTP requests with one partner.
- Developed the Android client in Java including the sign-in and registration process, and the backend which used a JSON payload to deliver and receive changes in user feed information to and from the server. Also developed and designed the layout using XML.

## SKILLS:

- **Languages** – Java, C++, Python, Kotlin
- **Front End** – HTML, CSS
- **Databases** – Relational, Non-relational model, SQL, NoSQL
- **Operating Systems** – GNU/Linux (Advanced), Windows (Advanced)
- **Mobile** – Android SDK
- **Version Control** – Working knowledge of version control systems (Git)

## RELEVANT COURSEWORK:

Object Oriented Programming

Software Engineering

Advanced Mobile App Development

Data Communications/Networks

Data Structures and Algorithms

Database Theory and Design

## EDUCATION:

Westminster College, New Wilmington, PA

Bachelor of Science: **Computer Science**

May 2019

GPA: **3.35**

Willing to relocate: Anywhere