

Michael Kulbacki

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EDUCATION

UNIVERSITY AT BUFFALO

BS IN COMPUTER SCIENCE

Expected May 2017 | Buffalo, NY

College of Engineering and Applied Sciences

Cum. GPA: 3.6 / 4.0

SKILLS

PROGRAMMING

Experience With:

Java • C++ • C • CSS • HTML
Bootstrap

Exposure To:

Python • JavaScript • Scala

TOOLS

Android Studio

Eclipse

GitHub/ Git

Google Analytics

Adobe:

Photoshop/ Lightroom

COURSEWORK

Intro to Computer Science Majors I, II

Discrete Mathematics

Data Structures and Algorithms

Digital Systems

Programming Languages

Web Development

Algorithms

Operating Systems

Networking Concepts (Fall 2016)

Software Engineering (Fall 2016)

EXTRACURRICULAR

ACTIVITIES

UB Association for Computing Machinery

UB Equity Research Club: Analyst

UB Division 2 Inline Hockey

UB Intramural Volleyball

Ice Hockey (16+ years)

Photography

Web Design

RELEVANT EXPERIENCE

GP:50 | MOBILE APPLICATION DEVELOPER

SUMMER 2016

Android Studio • Java • XML

- Utilized Google's LE Bluetooth API to design an Android app to communicate with a temperature/ pressure sensor
- Developed another mobile app to use a USB connection to transfer sensor information to speed up company efficiency in recording data

PROJECT MIMIR | UNDERGRADUATE RESEARCHER

SUMMER 2016

Scala • Bootstrap • JavaScript

- Created new functions to streamline the process of applying lenses to the SQL data tables for an easier user experience
- Refined the UI by using Bootstrap to ensure scalability and provided a more uniform theme across the web app

SOFTREK | ENGINEERING INTRAMURAL

SPRING 2015

jQuery Mobile • HTML • CSS • Adobe Phone-Gap

- Developed an app with a team that searches users in SoftTrek's database, uploading images to a profile and logging in with specific company credentials
- Used Adobe Phone-Gap and Apache to seamlessly make multiple versions for different OS's and designed the UI with HTML and CSS including smooth transitions and effects using the jQuery Mobile platform

OTHER EXPERIENCE

STEREO ADVANTAGE | IFUL EMPLOYEE

JUNE 2014 – PRESENT

Buffalo, NY

- Responsible for assembling specific commercial product files and uploading the completed product to the companies website to be sold and distributed

PERSONAL PROJECTS

SMART MIRROR | HTML • CSS • JAVASCRIPT • PYTHON

University at Buffalo Hackathon 2015 (3rd Place) | Buffalo, NY

- Created a Smart Mirror in 24 hours using one-way glass to act as a mirror until information is displayed from the monitor behind it
- Implemented the Yahoo Weather API to continually update weather information for a given location
- Included a live Twitter feed along with a stock ticker to keep the user connected at all times to their content

MK PHOTOGRAPHY | BOOTSTRAP • HTML • CSS • JAVASCRIPT

Spring 2015 | Buffalo, NY

- Designed a personal website to display my computer science projects and photography portfolio for anyone to interact with
- Responsive web design ques included in each page to fluidly scale down to any screen size on any device
- Implemented Google Analytics to track website traffic and usage

THUMB TRACK | ANDROID STUDIOS • JAVA • XML

University at Buffalo Hackathon 2014 | Buffalo, NY

- Developed an android app in 36 hours that tracks the distance the user scrolls on their phone by tracking the coordinates given by touch points