

Michael Kulbacki

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EDUCATION

UNIVERSITY AT BUFFALO

BS IN COMPUTER SCIENCE

May 2017 | Buffalo, NY

College of Engineering and Applied Sciences

Cumulative GPA: 3.6 / 4.0

SKILLS

PROGRAMMING

Experience With:

Java • JavaScript • C++
C • CSS • HTML • Golang

Exposure To:

Python • Scala

TOOLS/ APIS

Adobe Photoshop/ Lightroom

Android Studio

Bootstrap

Docker

Eclipse

GitHub/ Git

Google Analytics

Kubernetes

REST

Vagrant

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

Software Engineering

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

EXPERIENCE

LOCKHEED MARTIN | SOFTWARE ENGINEER ASC. JULY 2017-PRESENT

P-8A Team: ABA Developer

- Redesigned the UI/UX of the Mission Management Control Center and the ABA Web Portal for a clearer presentation of information
- Updated the back-end of the ABA Web app-installer to handle future versions of application metadata
- Lead developer/ designer of the Multi-Stage Boot effort by implementing a specific boot sequence to accommodate security concerns and provide a guarantee of running services to applications on ABA startup

GP:50 | MOBILE APPLICATION DEVELOPER

SUMMER 2016

Android Studio • Java • XML

- Utilized Google's LE Bluetooth API to design an Android application to communicate with a temperature/ pressure sensor
- Designed a separate mobile application 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 application

SOFTREK | ENGINEERING INTRAMURAL

SPRING 2015

jQuery Mobile • HTML • CSS • Adobe Phone-Gap

- Worked on a team to develop an application that searches users in SofTrek's database, uploads images to a profile and logs in with specific company credentials
- Used Adobe Phone-Gap and Apache to seamlessly create multiple versions for different OS's and designed the UI with HTML and CSS including smooth transitions and effects using the jQuery Mobile platform

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
- Integrated the Yahoo Weather API to continually update weather information for a given location
- Developed a Twitter widget 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 as a platform to share my content
- Responsive web design ques included in each page to fluidly scale down to any screen size on any device
- Integrated Google Analytics to track website traffic and usage