WILLIAM F. NICHOLSON

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EDUCATION

Bachelor of Science, Computer Science   Expected May 2021
University at Buffalo, The State Univeristy of New York
Honors: Dean's List, Tau Sigma National Honor Society   **GPA(3.8 / 4.0)**

WORK EXPERIENCE

Sharp Electronics Corporation USA, Montvale, NJ [C#, ASP.NET, HTML, CSS, Javascript]
Software Development Intern, Summer 2018
- Created ASP.NET web application to manage company wide bid library
- Engineered and managed a SQL database overseeing the library and its user base
- Programmed and managed server side code to achieve product goals
- Designated objectives set by the director of corporate marketing to my team

Referwell Inc., New York, NY [Mozenda, Google Cloud Services, Javascript]
Extern, Developer, Summer 2016
- Utilized web scraping software to gather insurance data and incorporated it into company database
- Synchronized Google cloud data to live applications
- Facilitated communication between physicians and software developers

University at Buffalo, Amherst, NY
Resident Advisor, August 2018 - Present
- Supervised floor of 40 residents
- Developed and orchestrated large scale programs with teams of paraprofessional staff on topics of diversity, academic performance, culture, and illegal substances.
- Worked with law enforcement and professional staff to enforce campus living policies

SOFTWARE PROJECTS

City Maps | A Java based desktop application using MaxMind's GeoLite city location and population data, as well as OpenStreetMap's map tile API, permitting users to search for cities and click map tiles to move around the world.

Caffemax | Web application built in React, Flask, and PLSQL during Grizzhacks 3 that allows users, upon making an account, to manage their caffeine intake in order to maximize one's desired productivity over a period of time.

TECHNICAL SKILLS

C#, Java, SQL, HTML, CSS, ASP.NET, Python 3, Javascript, C++, Git, Android, Mozenda, Linux, Unit Testing

LEADERSHIP EXPERIENCE AND ACTIVITIES

President, WPHS Martial Arts (2014 - 2017)
Co-Founder, Director, University at Buffalo Overwatch League (2018 - Present)
Co-Founder, Secretary, WPHS Freedom Fighters (2016 - 2017)
Contributor, Sponsor Team, UB Hacking, UB ACM (2018 - Present)
Member, Tau Sigma National Honor Society
Volunteer, Blockhead Box Annual Holiday Animal Shelter Driver (2014 - Present)