Brandon Kupczyk

Campus address: **Permanent address:**

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EDUCATION

Marquette University   Milwaukee, WI

Bachelor of Science in Computer Engineering   Expected May 2018

Cumulative and Major GPA: 3.4

EXPERIENCE

Researcher in the Marquette Embedded Systems Lab   Milwaukee, WI

Undergraduate Researcher   June 2017 to present

- Designed and implemented a parallelized version of the Viola-Jones Computer Vision Algorithm
- Attaining in-depth knowledge of the C++ and Cuda languages

Siemens R&D Co-Op   Hoffman Estates, IL

Software Installation / Development   January –December 2016

- Utilized Microsoft's WPF in C#/XAML to develop tools
- Used TFS to branch/merge migrations and manage builds for installations
- Assisted Developers in designing and implementing backend and frontend code
- Debugged and identified problems in a large/complex code base that improved problem solving techniques

Young Life Leader   Wauwatosa, WI

Co-leadership Role   Fall 2013 to present

- Volunteer over 5 hours a week during the school semester
- Lead a group of 45-75 students in games and small groups which consistently refines leadership skills

Academic Experience   Milwaukee, WI

Marquette Univ.   Fall 2013 to present

- Written quality code in Embedded C to Python For network science
- Thrived in courses such as Operating Systems, Artificial Intelligence, and Data Structures

OVERVIEW & ACTIVITIES

Technical Overview

I.T. / Computer Skills

- Skilled in C, C++, C#, Java, Python, Git, and TFS
- Experience with OpenCV, Cuda, Pandas, scikit-learn, and multi-threaded application design
- Built and problem-solved computers with different operating systems including Windows, Linux and macOS

Current activities: Outdoor enthusiast & Vice President of the Marquette Rock Climbing Club

GitHub: https://github.com/bkupz/