

EMPLOYMENT

Software Engineer **Microsoft Corporation** **October 2015 – Present**

OneDrive Sync Client (Mac and Windows)

- Built a complex feature to help users move their local content in to OneDrive
- Built automatic screenshot upload for the Mac sync client
- Built a context menu for the Mac Finder that provides quick access to OneDrive features (share a link, view online, manage storage, choose folders to sync, etc...)
- Built a share dialog that allows users to control sharing options for their files without leaving Finder or Windows Explorer
- Implemented UI for shared folder and team site sync for OneDrive for Business
- Built command line migration to assist admins when upgrading their deployments from the legacy sync client to the next generation sync client

Software Engineer, Intern **Microsoft Corporation** **Summer 2014**

- Implemented notifications for users of OneDrive who have expiring/expired bonus storage

EDUCATION

Pittsburgh, PA **University of Pittsburgh** **Fall 2011 – Spring 2015**

- Bachelor of Science (B.S.) in Computer Engineering. Cum Laude.
- Cumulative GPA: 3.49 out of 4.0

TECHNICAL EXPERIENCE

Personal Projects

- **Orgman.** Automate the organization of your student organization. Production quality web app with a full test suite using continuous integration (Travis CI). Ruby on Rails. Source: <https://github.com/valleyjo/orgman>
- **MIPS CPU.** Full implementation of the MIPS instruction set. Includes five pipelines, L1 cache and interrupts. HDL Designer & VHDL.

Languages and Technologies

- Proficient: C++, C, Objective-C
- Prior experience: C#, Java, Ruby, Python, Qt, QML, Win API, Cocoa, .Net, Ruby on Rails, git, vim

LEADERSHIP EXPERIENCE

Intern Mentor **Microsoft Corporation** **Summer 2017**

- Provided guidance and technical advice for an intern working on a production project

Technical Director **The Green Hope Orphanage, Inc.** **2013-2015**

- Responsible for the technical direction of the orphanage's philanthropic arm including the website (greenhope.us) and the organization's IT strategies

Engineering Peer Advisor **University of Pittsburgh** **Fall 2013**

- Taught two sections of an official university course to assist freshmen with their college transition

HONORS AND AWARDS

Eagle Scout: Leadership project established a computer lab at Angels' Place; Estimated benefit: \$13,500**Distinguished Young Alumni Award:** Our Lady of the Sacred Heart High School