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Work Experience

- **Microsoft** Redmond, WA
Compiler and Language Platform Explorer Intern May 2016 - Aug. 2016
 - Created VS Code extension to support static analysis tool file format SARIF using **TypeScript**.
 - Authored **PowerShell** script to rewrite URIs referencing commit-dependent source files hosted in **GitHub**.
 - Configured continuous integration platform, **Appveyor**, for static analysis tools supporting the SARIF standard.
 - Refactored aspects of the SARIF SDK to comply with quality standards.
- **Infinite Energy** Gainesville, FL
Software Developer Intern Mar. 2015 - Aug. 2015
 - Decreased page-load time for internal facing tool using **AngularJS**, **C#**, & **.NET**.
 - Built user notification page for documents and alerts using **AngularJS**.
 - Removed redundant argument from active-directory service function call.
- **Bartertown, LLC** Gainesville, FL
CoFounder & Development Lead May 2015 - Aug. 2015
 - Founded a social trading platform for the exchange of goods and services.
 - Pitched product in front of local investors to raise interest and funding.
 - Developed prototype using **MeteorJS** and **Materialize**.
- **Urban Darling, LLC** Boca Raton, FL
Web Developer Intern Jun. 2014 - May 2015
 - Developed and maintained WordPress based website for wardrobe stylists.
 - Managed design changes and modified template functionality using **PHP**.
 - Improved Google PageSpeed score by decreasing page-load time through lossless image compression plugin.

Projects

- **PerfectPosture** Tai Tam, Hong Kong
Bitwise hacks: Awarded best software hack Feb. 2016
 - Developed **OS X** application to automatically dim laptop screen based on back-posture.
 - Provided back-posture data through accelerometer on **TI Launchpad** implemented as a wearable.
- **CheapSleep** Atlanta, GA
Hackstart: Awarded prize for Most Unique & Problem-Solving App Jul. 2015
 - Created an alarm clock which donated to a chosen charity per snooze.
 - Implemented on the Android platform using the **Venmo API**.

Skills

Languages: Java, C++, JavaScript, TypeScript, PHP, Python, C#, .NET, Git, SQL, Scheme, Powershell
Frameworks: MeteorJS, Materialize, AngularJS, WordPress, Semantic UI, jekyll

Education

- **University of Florida, Honors Program** Gainesville, FL
Bachelor of Science in Computer Engineering, Minor in Physics Aug. 2014 - May 2018
 - GPA: 3.62/4.0
- **Hong Kong University of Science and Technology** Clearwater Bay, Hong Kong
Study Abroad, School of Engineering Feb. 2016 - May 2016

Involvement/Awards

- Assisted in organizing **hackUST**, Hong Kong's largest student-led hackathon.
- Competed in CodeJam, Bloomberg's Codecon, Ulticoder, etc as a member of the **UF Programming Team**.
- Held Treasurer executive board position of the **UF ACM chapter**.
- Obtained dual **US-EU citizenship** as a Dutch national.