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Education

- **University of Florida, Honors Program** — Gainesville, FL
  Bachelor of Science in Computer Engineering, Minor in Physics — *Aug. 2014 - May 2018*
  - GPA: 3.63/4.0

- **Hong Kong University of Science and Technology** — Clearwater Bay, Hong Kong
  Study Abroad, School of Engineering — *Feb. 2016 - May 2016*

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.

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.

- **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.

Involvement/Awards

- Ambassador for the International Engineering Ambassadors
- Salsero in the Gator Salsa Club
- 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**.
- Dual citizen of the Netherlands and the United States.

Skills

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