Jennifer Marie Plunkett

(512) 690-1397 — jplunkett@utexas.edu — github.com/yennster

EDUCATION

The University of Texas at Austin - *B.S. Electrical Engineering (Primary Core: Software)*
AUGUST 2013 - MAY 2018

WORK EXPERIENCE

Arm - *Applications Engineer, Vertical Solutions Engineering*
NOVEMBER 2018 - PRESENT
- Develop Mbed OS and Arm Pelion Cloud solutions targeting vertical markets such as clinical asset tracking, indoor lighting, and workplace environmental monitoring
- Develop web applications to poll device data from Arm Pelion Cloud using Node.js
- Write device firmware for a tracking device that sends data over BLE to a mobile phone
- Create a C++ websocket library and application for cross-platform communication with the Arm Pelion Cloud platform (ported to JavaScript, Android Java, C#, & Objective-C)

Arm - *Graduate Software Engineer, Customer Engineering & Support*
JUNE 2018 - NOVEMBER 2018
- Craft new features, port existing features, and document these features for Arm Mbed OS
- Track down and resolve issues that are reported through the Arm Mbed support channels
- Coached the developer community on how best to use Mbed OS, Arm Pelion, and other Arm IoT features through writing articles, assisting at workshops, and building examples
- Developed and utilized open source processes and tools

Arm - *Intern, Internet of Things*
MAY 2017 - MAY 2018
- Created C/C++ demos using Arm Mbed OS and Arm Pelion Cloud for embedded devices
- Created/updated Mbed OS documentation and tutorials (os.mbed.com)
- Supported Mbed developers, answering questions on forums and ZenDesk

Arm - *Intern, Project Management*
MAY 2016 - AUGUST 2016
- Created/gathered project status reports and information for resource planning
- Updated cross-team communications information and managed quality statistics
- Created and automated team charts, spreadsheets, databases, and management tools
- Assisted with audits of project deliverables and coordination of engineering changes

SKILLS

- Proficient with Java, C++, HTML, CSS, Node.js, JavaScript, Confluence, JIRA, Git, Mercurial
- Familiar with Visual Basic for Applications, Python, AngularJS
- Debugging embedded microcontroller application code with IAR, Keil, & Visual Studio