Jennifer Marie Plunkett

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WORK EXPERIENCE

Arm - *Applications Engineer, Consulting Engineering*

NOVEMBER 2018 - PRESENT

- Develop Mbed OS and Arm Pelion Cloud solutions targeting vertical markets such as clinical asset tracking, indoor lighting, & workplace environmental monitoring
- Create a C++ websocket library and application for cross-platform communication with the Arm Pelion Cloud platform (ported to JavaScript, Android Java, & C#)
- Consult with external third-party engineering teams on projects relating to the integration of devices with the Arm Pelion Device Management platform
- Work directly with third-party engineers on-site to ensure successful product integration, collect further requirements, present weekly updates & product demos
- Collaborate with cross-functional teams to enable the success of the Arm Pelion Cloud platform & consulting projects (docs, UX, sales, marketing, etc.)

Arm - *Graduate Software Engineer, Customer Engineering & Support*

JUNE 2018 - NOVEMBER 2018

- Crafted and ported new features, and documented these features for Arm Mbed OS
- Debugged and resolved issues that are reported by developers and Arm customers through the Arm Mbed support channels (os.mbed.com, Stack Overflow)
- Coached the Arm developer community on how to best use Mbed OS, Arm Pelion, and other Arm IoT features by creating videos, assisting at workshops, & building sample code
- Created and wrote technical documentation for Arm Mbed OS & Pelion Cloud including technical articles, code tutorials, blog posts, & API documentation
- Advocated for the Arm developer experience by improving UX/UI on our websites
- 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 the Mbed forums & ZenDesk

EDUCATION

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

AUGUST 2013 - MAY 2018

SKILLS

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