Jennifer Marie Plunkett

+1 (512) 690-1397 — jplunkett@utexas.edu — github.com/yennster — jennyplunkett.me/portfolio

WORK EXPERIENCE

Edge Impulse - *Senior Developer Relations Engineer, Austin, TX & Amsterdam, NL*
NOVEMBER 2020 - PRESENT
- Master solution building using Edge Impulse
- Support partners in their work porting Edge Impulse to new device targets or integrating with Edge Impulse data acquisition, data science, testing or target optimization interfaces
- Assist developers and customers on defining data acquisition, ML development, testing and deployment strategies
- Produce technical documentation, tutorials, blogs, videos and other content
- Work with the Edge Impulse developer community, looking at how they use our software, and determining how EI can improve
- Represent Edge Impulse in the wider TinyML community via webinars, workshops, and conferences

Arm - *Applications Engineer, Consulting Engineering, Austin, TX*
JUNE 2018 - OCTOBER 2020
- 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 platform & consulting projects (docs, UX, sales, marketing, etc.)

EDUCATION

The University of Texas at Austin - *B.S. Electrical Engineering*
AUGUST 2013 - MAY 2018
Relevant Courses: Software Design & Implementation I & II, Embedded Systems, Multivariable Calculus, Circuit Theory, Digital Logic Design, Linear Systems & Signals, Competitive Intel. Strategies, Engineering Communications, Software Testing, Requirements Engineering, UX Design, Probability, Algorithms, Software Design Lab, Personal Informatics, Sci. Comp. in Numerical Analysis, Information Security & Privacy, Research Senior Design Project

SKILLS

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