

Kevin Quinn

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Work Experience

Software Engineer Intern – Propeller Health, Madison, WI

May 2018 – Present

Technology: Node.js, Git, Python, AWS, AWS SAM, Burp Suite, Bash

- Worked with the DevOps team to identify a critical security vulnerability in an API.
- Built a web interface Node.js server for a qr-code scanning robot that eliminates major pain points for the QA team.
- Designed and built a Slack bot to simplify the arduous process for employees to get information from Tableau.
- Created a tool to help new engineers onboard faster and save the company time.

Associate Embedded Engineer - Extreme Engineering Solutions, Middleton, WI

May – Dec. 2017

Technology: Python, Linux, Git, Bash

- Developed Python script around Docker for architecture-specific builds. This eliminates the need to acquire equipment.
- Prepared software for release on new embedded boards by tracing and solving kernel issues.
- From customer change requests and testing discovered kernel/driver bugs and provided workable solutions.

Athletic Dept Employee - UW-Madison Athletics Food & Beverage Dept, Madison, WI

Nov. 2015 – May 2018

Mover - Quality Moving & Storage, Hudson, WI

June 2015 – Aug. 2016

- Learned to have an optimistic attitude during long days, as 13+ hour shifts would occur several times a month.

Education

B.S. Computer Engineering and Computer Sciences

May 2019

University of Wisconsin-Madison

GPA: 3.45/4.0, College of Engineering Dean's List (4 semesters)

Relevant Coursework: Algorithms, Software Engineering, Data Structures, Networks, Artificial Intelligence, Digital System Design, Digital System Fundamentals, Discrete Math, Microprocessor Systems, Computer Architecture

Independent Projects

Madtowndeals.com

- Developed a React site to help users find bar deals in the Madison area.
- API uses the Serverless framework & AWS Lambda functions written in Go.

SMS API Hub (Further developed in Software Engineering CS506)

- Flask server as a hub for incoming text messages to access a variety of APIs.
- Service allows user to access information everywhere they have cell service, even when they lack internet access.

Gymnastics Club Text Signup

- Connects Twilio to a Node.js server to allow members to signup for practice through Google Sheets.

Ansible Computer Configuration

- Computer settings/software personalization in human-readable YAML.
- Setting up a new machine is just three commands: git clone, run setup scripts, and make.

Extracurriculars

Open Source Contribution: Contributed to github.com/claودیodangelis/qr-filetransfer.

Hackathons: Madhacks (Spring, Fall 17), HackGT (Fall 17), MHacks (Fall 17)

Involvement: Gymnastics Club, Coding 4 Good, intramural sports, youth soccer assistant coach, soccer referee