

Kevin Quinn

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Education

B.S. Double Major Computer Engineering and Computer Science

May 2019

University of Wisconsin-Madison

GPA & Honors: 3.41/4.0, College of Engineering Dean's Honor List (Spring 2016, Fall 2016, Spring 2017)

Relevant Coursework: Data Structures, Machine Organization & Programming, Digital System Fundamentals, Discrete Math, Circuit Analysis, Signals & Computing, Algorithms, Microprocessor Systems, Intro to A.I.

Technology Skills & Projects

Languages/Software: Java, C, Python & Flask, HTML, CSS, Javascript, Bash scripting, AWS, Docker, Ansible, Git, daily Linux user

LifeText.us: SMS API Hub (Text the number listed to interact)

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

Easy Computer Setup

- Uses Ansible to track computer settings/software personalization in human-readable YAML
- Bootstrap scripts make setting up a new computer just three commands: git clone, run bootstrap, and make

Copundrum.com (Madhacks 2017 Hackathon)

- Chat bot that enjoys puns, gifs, and tic-tac-toe.
- Uses the Giphy API to acquire relevant gifs based on user-input

Work Experience

Associate Embedded Engineer, Extreme Engineering Solutions, Middleton, WI

May 26 – Dec. 22, 2017

- Developed Python wrapper around Docker to streamline initramfs builds; eliminated need to acquire equipment
- Converted Flask webapp & command line interface prototypes from Ajax to sockets for simultaneous page updates
- Assisted customers by finding root causes of bugs and providing workable solutions
- Developed script to allow on-the-fly viewing of src.rpm and/or git repo contents with a Docker Gitlist server

UW-Madison Athletics Food & Beverage Department, Madison, WI

Nov. 2015 - Present

- Trusted with transporting hundreds of pounds of food in a box truck around the hectic gameday campus
- Took over and handled all duties of the truck deliveries on only my second shift with no delays, damages, or issues

Quality Moving & Storage, Hudson, WI

June 2015 – Aug. 2016

- Optimism, empathy, and perseverance needed for long hours helping customers during stressful times and working in small teams. 13+ hour work days would occur several times a month.

Previous

- UW-Madison Dining Team Member, CEC Theatres Concessions/Usher, Walmart Truck Unloader, Soccer Referee

Involvement

- UW-Madison Gymnastics Club, UW-Madison RecSports participation, youth soccer assistant coach, Bad Company airsoft team, hackathons: Madhacks (Spring, Fall 17) , Mhacks (Fall 17), HackGT (Fall 17)