KYLE SCHOENER
STUDENT, RESEARCHER, TEACHING ASSISTANT, INTERN

About Me

I'm Kyle. I love the outdoors and exploring nature with my friends. I take videos and pictures as a hobby and upload them to the internet sometimes. I'm also an avid programmer. I'm very outgoing and personable and can get along with anybody. I'm most excited to meet and work with new people in industry!

Employment

Amazon, Inc.
Software Development Engineer Intern

Seattle, Washington
May 2017 to Aug 2017, May 2017 to Aug 2017

During the course of my internship at Amazon, I owned 2 projects. Both projects required my knowledge in Computer Science as well as soft-skills because it required me to work with many different people to move forward with these projects.

University at Buffalo: Blue Research Group
Research Assistant

Buffalo, New York
May 2015 to Current

Profile: https://blue.cse.buffalo.edu/people/kylescho/
Project: https://blue.cse.buffalo.edu/projects/jouler/

Working on the Jouler project. Using machine learning to predict battery trends in android smartphones. The goal is to be proactive about energy consumption , ensuring the battery doesn't deplete before the user is expected to charge their device.

University at Buffalo: CSE Department
Teaching Assistant

Buffalo, New York
Aug 2016 to Current

Teaching Assistant for CSE 199: Introduction to the Internet
My responsibilities include holding/aiding students in recitation and creating activities for the students to do in lectures and helping the students through these activities.

Lynx Technologies
Intern

Grand Island, New York
Apr 2014 to Aug 2016

Set up and deployed a fiber network for a large school and worked closely with the Director of IT to ensure a smooth transition. I also went, alone, to a client's office to set up a new NetApp server.

Projects

Macro Skill
Jul 2017

An Alexa skill created during Amazon's 8-hour Intern Hackathon. We built an AWS Lambda function that connects with an Alexa skill that we call 'Macro Skill'. When you ask Alexa 'What are the macros for <serving size> of <food>?' it will tell you the macros (nutrition facts) for that food, and the specified serving size. We did this by using a massive nutrition database's API and Alexa's natural language processing in Python.

Network Photo Album
Apr 2017

I created the client and server to a LAN Photo Album and slideshow. When you run the python server script, it will look for pictures in a specific location on disk and display those images in a slideshow fashion. The slideshow will be updated whenever a user wants to send over pictures to the server. I use this on my TV in my room with my Raspberry Pi.

Picsync
Nov 2016

Picsync was made during UB Hacking 2016. It is a Python script that uses ffmpeg and raw audio data to sync up photo transitions with the beat of a song. The user inputs a bunch of pictures and a song, and Picsync will output an mp4 with the pictures synced with the beat of the given song!

Perfect Toilet Time
Aug 2016

Crowd sourced bathroom locater and review system. In select locations (ex. University at Buffalo's campus) the user may notify maintenance anonymously about an issue with a bathroom.

Pantry Partner
Mar 2016

Track what you have in your pantry as well as their expiration dates!

Contact

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Education

University at Buffalo
B.S. Computer Science 2018

Skills

PROFICIENT: Java, Python, Android Dev
KNOWLEDGEABLE: C/C++, HTML/CSS, Javascript
TOOLS: Git, Linux/Ubuntu, Android Studio, Atom/Sublime, Vim

Awards

Boy Scouts of America · Eagle Scout	Oct 2014
University at Buffalo · Dean's List	May 2016

Volunteering

Vacation Bible School · Counselor Kenmore, NY	Aug 2009 to Aug 2015
Boy Scouts of America · Scout	2005 to 2014