

Kirs Imsong

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EDUCATION

University of Massachusetts Amherst

Expected May 2019

B.S. in Computer Science, Minor in Mathematics

GPA 3.7

Certificate in Film Studies; Dean's list

EXPERIENCE

Mobile Application Developer

Amherst, MA

University of Massachusetts Amherst

Jan 2018 – Present

- Collaborate with UMass administrations to develop a cross-platform mobile application that navigates users through campus with a focus on accessibility.
- Leverage React Native, ArcGIS, crowd-sourced data, and native mobile features (Voiceover, Talkback, etc).

Software Engineer Intern

San Jose, CA

Cisco Systems

May 2018 – Aug 2018

- Worked on the back-end media streaming systems for the Cisco Webex Teams collaboration application.
- Developed in Python with Git version control to deploy in Docker containers with regular code reviews.
- Improved speed and reliability of an internal logging system by porting it from Python 2.7 to Python 3.7.

Software Engineer Intern

Boston, MA

Optum, United Health Group

May 2017 – Aug 2017

- Built an interactive data analysis web application tool to query over 2 billion rows of claim data for analysts.
- Utilized Scala, Hive, Spark, Hadoop, and Elasticsearch to ingest, enrich, and present data in a web app.
- Lead an Agile team of nine developers as Scrum Master while maintaining a developer role.

SKILLS

Languages: Java, Python, C, SQL, JavaScript, CSS, HTML, LaTeX

Software: React Native, Django, Docker, Elasticsearch, Hadoop, Hive, MySQL, Android Studio, Tableau, Git

PROJECTS

UMass Access (November 2017) - UMass Amherst Campus Accessibility Challenge Winner:

An Android App that leverages crowd-sourced data to visualize obstructions on an interactive map by storing geo-location data. Designed to make the UMass campus more accessible for the community.

(Java, Python, Android Studio, Django, AWS)

Decibell Dorm (October 2016) - Make Hartford Challenge Winner:

Smart dorm security device that utilizes image classification and various sensors to alert users when a guest is at the door with a text message description of the person.

(C/C++, Python, Java, Arduino, Raspberry Pi, Clarifai API, various sensors)

Kirs and a Camera (December 2015) - (www.youtube.com/c/kirsandacamera)

Personal YouTube channel with over a million views, dedicated to short films about my Naga ethnic background. Expanded channel to over 7,000 subscribers through promotion and community interaction.

ACHIEVEMENTS

UMass Amherst Campus Accessibility \$10,000 Challenge Winner – Hack UMass V

November 2017

Make Hartford Hack Challenge Winner – Hack UMass IV

October 2016

Berthiaume Center for Entrepreneurship Minute Pitch Finalist

October 2016