

Arber Xhindoli

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Objective

Obtain a fulltime position as a Software Engineer, starting July 2018.

Education

University of Michigan

Bachelor of Science Engineering in Computer Science
GPA 3.52/4.00

Ann Arbor, MI

September 2015 - April 2018

Relevant Courses:

EECS 281 - Data Structures and Algorithms
EECS 370 - Intro to Computer Organization
EECS 485 - Web Systems
EECS 388 - Computer Security
EECS 482 - Intro to Operating Systems

Work Experience

University of Michigan – CSE Department

Ann Arbor, MI

Instructional Assistant – EECS 485(Web Systems)

September 2017 - Present

- Writing and maintaining the project specifications. Responsible for coordinating the creation of the instructor solutions, generating test cases, and handling ambiguities.
- Leading a weekly discussion section of forty students.

Garmin

Phoenix, AZ

Software Engineering Intern

May 2017 – August 2017

- Redesigned Virb360 cross-platform application's music section, to increasing usability and functionality.
- Implemented numerous other features, and bug fixes. Including a double-tap gestures for media player, and View Pager for media library items.
- Exposed to advanced concepts and tools used in large development teams such as SCRUM, and Git.

National Super Conducting Cyclotron Laboratory

East Lansing, MI

Simulation Development Intern

September 2014 – August 2015

- Designed a prototype simulation of a particle detector using C++ toolkit Geant4.
- Self-taught advanced object-oriented concepts like inheritance and polymorphism.

Project Experience

calendAR

Ann Arbor, MI

React-Native Application (Personal)

August 2017 – Present

- Implementing a shared social calendar app, that will allow individuals and groups to collaborate on events, share events with each other, and experience integrated chat between group members.

DataLift

Ann Arbor, MI

NodeJS Application (Personal)

April 2017

- Created a program for real-time activity tracking using an accelerometer, Particle Photon, and NodeJS.
- Utilizes Server-Sent Events to send information from the Node server to the webpage.

Scalable Search Engine

Ann Arbor, MI

Python Application (Classwork)

March 2017

- Wrote MapReduce job to mine JSON formatted data and create inverted index of words to certain values.
- Combined the inverted index and PageRank score of data to run a web page backed by a MySQL database with Python's Flask microframework to accept queries and return ranked search results.

Skills

Programming Languages: C++, Python, Java, JavaScript

Frameworks/Software: Android, React Native, Flask, CAD, Git, Geant4, IOS