Siraj M. Zaneer

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OBJECTIVE

To apply my skillset in a meaningful position where my work will make a large scale impact.

EDUCATION

Purdue University – West Lafayette, IN   B.S. Computer Science – May 2018

TECHNICAL EXPERIENCE

CodePath University   October 2016 – Present
Teaching assistant
- Worked with CodePath to run courses on internship preparation, iOS Application Development, and Web Security on campus at Purdue University.
- Worked with Purdue University to establish iOS course for credit as CS49000iOS
- Responsible for leading courses and organizing related events.

Make School   June 2016 – August 2016
Intro track instructor and technical lead   Sunnyvale, Ca
- Lead two four-week sessions teaching an introduction to Computer Science and Object Oriented Programming along with building applications using Swift and the Xcode IDE.
- Created interactive Swift based curriculum to supplicant student learning.
- Led sponsor team at Purdue University's hackathon, BoilerMake.

SpaceX Hyperloop Pod Competition (EPICS)   December 2015 – May 2016
Power and Thermal team   West Lafayette, IN
- Worked with team to create efficient and effective power system to enable pod to run properly at low atmospheric pressure.
- Performed webmaster duties for EPICS group to maintain and add information to webpage.

PROJECTS

HackHunt   *iOS, Swift, Python*
- Application to allow user to easily find information about hackathons being held.
- Built custom backend in Python to scrape and cache data from MLH.io
- Implemented Google Maps API to provide information such as distance and geocoding.
- Facebook and Twitter integration to allow for sharing of hackathons.

Purdue App (iOS Development Club)   *iOS, Swift, JavaScript, Objective-C*
- Application to help Purdue University students to access college services and information.
- Natively implements interaction with student's Blackboard accounts.
- Easily accessible information such as maps and live computer lab usage.
- Implemented many Purdue and custom APIs to display consolidated information.
- Node.js based backend using Express framework.

SKILLS

Programming Languages – (Proficient) Java, Swift, (Competent) C, C++, (Familiar) Objective-C, Python, JavaScript
Frameworks – UIKit (iOS), SpriteKit (iOS), MapKit (iOS), Junit (Java), Django (Python)
Web Development – HTML, CSS, PHP, Node.js, Vapor

TEAMWORK AND LEADERSHIP

Purdue iOS Development Club   September 2015 – Present
President
- Created and ran clubs first ever event, iDev Series Workshops, to introduce students to iOS application development.
- Led workshops on iOS development at Purdue University hackathons.
- Provide mentoring to students for iOS development personal as well as class projects.
- Worked with other CS club leaders to facilitate interclub cooperation.