**Siraj M. Zaneer**

**1250 First Street, West Lafayette, IN 47906**

<https://github.com/Deadlocked007>

(630) 709-0080

[szaneer@purdue.edu](mailto:szaneer@purdue.edu)

**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**](https://codepath.com/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**](https://www.makeschool.com/)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**](https://epics.ecn.purdue.edu/hyperloop/)([EPICS](https://engineering.purdue.edu/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**](https://itunes.apple.com/us/app/hackhunt/id1163909755?mt=8)*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**](https://itunes.apple.com/us/app/purdue-app/id964519976?mt=8) **(**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**](http://purdueiosdev.club/)September 2015 – Present

*President*

* Created and ran clubs first ever event, [iDev Series Workshops](http://www.sirajzaneer.com/iDev), 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.