

Myungyun Chris Chung

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Education

University of Michigan, College of Engineering (2016 – Present) **Graduation Date:** April 2020

- Bachelor of Science in Computer Science
- Relevant Coursework: Data Structures and Algorithms, Web Databases and Systems, Intro to Computer Security

Experience

Arbormoon Software, Inc July 2018 – September 2018
iOS Software Engineering Intern Ann Arbor, MI

- Developer of iOS app using multiple libraries and frameworks such as CoreLocation, Firebase/Firestore, CoreBluetooth, and others to detect employees moving in and out of the office. Additionally enables user to manipulate doors in the office. Back-end all done in NodeJS.
- Working with multiple iOS and Android developers to create world-class, native applications for various clients.

Stick Enterprises, LLC September 2017 – March 2018
Independent Contractor Livonia, MI

- Member of a small team that managed and improved a dual iOS/Android application called LaserFox using Scrum/Agile development methodology with weekly sprints.
- Personally identified inefficient and non-user friendly interfaces and game play and rebuilt the framework to provide a user friendly and visually pleasing performance.
- Implemented unit tests to debug different ideas, as well as developing a new feature to allow player to customize their appearance. (C#, Unity)

Projects

Instagram Clone

- o Fully dynamic just like Instagram, login secured with random salt plus SHA-512
- o Lead developer, managed sprints. Implemented entire back end and deployment.
- o (Flask, ReactJS, Python, HTML, CSS, SQL, Unicorn, Nginx, Amazon EC2)

Dating Sim iOS Application

- o Created a mobile role-playing, space-shooter dating sim in Xcode in a small team.
- o Personally created the entire space-shooter portion and eloquent text dialog. (Swift, Xcode)

Penetration Testing and Web Attacks

- o Used different tools such as Aircrack-ng and Nmap in order to expose network vulnerabilities with permission. Also used XSS and CSRF to both attack and implemented defenses against such attacks using SHA-256 and AES encryptions. (Python, Javascript)

Skills

Languages: C/C++, Swift, Python, Javascript, C#, HTML5, CSS3, Java, SQL
Technologies: React Native, ReactJS, NodeJS, UIKit, CocoaTouch, REST, MySQL, Flask
Tools: Visual Studio, Xcode, Ubuntu, Agile/Scrum, Firebase, UNIX/Linux, OSX, Git