

Sugbin Jung

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SUMMARY:

Seeking an internship or co-op, utilizing my engineering background and interpersonal skills.

EDUCATION:

University of Florida – Bachelor in Computer Science Engineering (Graduation: 2017)
– Minor in Mathematics

Cumulative GPA: 3.2 / 4.0

RELEVANT COURSEWORKS:

Technical Writing, Business Plan Writing, Data Structures and Algorithms, Database Systems Management, Software Engineering, Computer Organization, Digital Logic, Signals and Systems, Numerical Analysis, Fourier Analysis, Human Computer Interaction, Malware Reverse Engineering, Design Patterns

PROJECTS:

App-Developing Team at Hanyang University *September 2015 – December 2015*

- Worked in a team of five: iOS, Android, Server, Design, and Planning. Led in iOS development, utilizing Xcode and Objective C. Created a word study application with functionality of random word generation from DB, bookmark, test, and preference settings.

Summer Internship @ Birch Finance *May 2016 – August 2016*

- Implemented a customer service chat bot that can analyze diverse user inputs and formulate correct responses. Mainly utilized Python, natural language toolkit, json and MongoDB to train bot. Created databases to log errors, token status, conversations. Interacted with the server to retrieve data. Used Redis to capture previous context for on-going conversations.
- Built an interactive website that finds most efficient credit card to use in a store at a certain location during Back-to-School season. Worked with a designer to build front-end. Implemented web app with JSP, CSS, Javascript, Spring, Tomcat, and Maven.

Web Crawlers and Automation *July 2016 – Now*

- Building web crawlers to gather new products release information, focused on clothing and sneakers of specifically parameterized brands. Utilizing: Selenium & Requests for base; Headless browsers, explicit waits, and multi-threading for speed;

Building a Framework for Visual Programming *August 2016 – December 2016*

- Utilizing several different design patterns and data structures to build out a framework for visual programming language. Worked in a group. Our design included complex UML diagrams of the framework, UI/UX Design, subsystems with specific functions, and two unique sample applications (Logic Gate Design, Trajectory Plotter)

SKILLS:

- **Programming Languages:** Java, C/C++, MATLAB, Python, Objective C/Swift
- **Web Development Languages:** HTML, CSS, JavaScript, PHP
- **Frameworks:** AngularJS, Node.js, Django, Flask, Redis, Spring
- **API and Server:** RESTful, HTTP (POST, GET), Postman, AWS (Hub)
- **Database Management:** MySQL, MongoDB, JSON, MSSQL, SQLite
- **Design and GUI:** Java's Swing, Python's Tkinter, Photoshop, InVision (Prototype)
- **Operating Systems:** Mac (Primary), Linux, Windows
- **Other Relevant Skills:** Git, Team Communication, Agile Project Management, VPN, Virtual Machines, Machine Learning, UML, Configuration, Command Line/Shell, Data Endpoints/API Calls, Tokenization, Unit Testing, Malware Analysis