

YOUN SE PARK

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CURRENT: 413 Washtenaw Avenue, Ann Arbor, MI, 48104, U.S.

EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor , MI

Graduation expected May 2021

Major: Computer Science

DICKINSON COLLEGE, Carlisle, PA

Major: Computer Science

Bachelor of Science

Honor: Dean's List

Cumulative GPA 3.67

SKILLS

Technology: JAVA • C++ • JavaScript (React.js) • MATLAB • Minitab • R • PHP

Languages : English • Korean (fluent)

RELATED EXPERIENCE

Travelymap, Travel Tech Startup, *Software Developer*

June – September 2019

- Designed and developed a mobile app, 'Travelymap', that provides map-based travel course planner service using PHP and JavaScript (React.js) in Visual Studio Code environment
- Collected about **4,400** users **two months** after the beta version was released
- Implemented features including 'Drawer', 'Tab', 'Menu', 'Drag and Drop', and other front-end features for more efficient user experience
- Applied Google Map API layer to the app to visualize the collected location data on the map image layer allowing users to add and search the necessary data
- Added 'Smart AI' algorithm that calculates the shortest and convenient routes with the distance and directions between the places on their list
- Studied Google Analytics to gather users' data during beta-version app launch
- Communicated with team members and external design team on platforms such as Github, Slack, and Trello

Microwave Sensing & Imaging Lab, Institute of Science and Tech., Gwangju, South Korea *Intern* June - August 2018

- Simulated an electrical and magnetic wave motion of 1D FDTD on transmission line by simplifying and translating the algorithm into MATLAB language
- Attended National Electrical Engineering Conferences and learned about how different industries implement electrical engineering to innovate their products

Michigan Hackers, University of Michigan *Core Member*

January 2020 - Present

- Attended once-weekly meetings and joined Amazon Alexa team to design custom-type Alexa skills such as 'Exam Score Predictor' and 'Snow Days' using JavaScript on Alexa Developer Console

Competitive Programming Group, Dickinson College *Member*

September 2018 – May 2019

- Attended once-weekly meetings and solved algorithm problems from programming competitions

Student Investment Group, Dickinson College *Junior Analyst*

February 2018– December 2018

- Attended twice-weekly meetings to manage \$ 2million virtual portfolio and completed two extensive projects
- Collected and implemented current financial data of a company into LBO model to predict a company's future financial rates and its future stock status
- Presented recommendation for WBA corps' security based on financial analysis using information and data collected from its Risk Management Group and SEC.gov

Computer Science Help Room, Dickinson College *Tutor*

January 2019 – May 2019

- Assisted students from various levels of computer science classes for their assignments, labs, exams, etc

Helpdesk Assistant/ Residential Support Annex, Dickinson College *Assistant*

September 2018 – May 2019

- Provided technology assistance to users including removing spyware and solving resident's hardware problems