

Jacob Park

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Education

Vanderbilt University

Major: B.S., Computer Science

Nashville, TN

May 2020

Relevant Coursework

Discrete Structures

Program and Project Management

Linear Algebra

Intermediate Software Design

Algorithm

Program Design and Data Structures

Computer Organization

Work Experience

SummerSAT – Irvine, CA

Summer 2018

Software Development Intern

- Assisted in creating the software in Windows applications and web application for students.
- Utilized web development in order to construct a functional webpage for the organization.
- Utilized Java, HTML, CSS, and JavaScript.

Projects

FireEmblemHeroesData (Python) – 1 person project

Spring 2019

- Utilizes Scrapy to scrape <https://fireemblem.gamepress.gg/> for all available heroes, stat variants, recommended skill builds, IVs, and more.
- Incorporates Scrapy-Splash to render and scrape JavaScript/AJAX loaded content.

gaja (Swift, Realm) – 1 person project

Winter 2019

- Developed an iOS app to save categories of lists of favorite locations in a database, and conveniently locate those places by integrating API services.
- Utilizes Realm database, Google Maps API and Google Places API to search, store, and map desired locations.

RoadTrippn (Swift, Python, Flask) – 4 person project for HackGT

Fall 2018

- Developed an iOS app with Flask backend to enhance user experience for finding nearby restaurants along the travel route
- Utilizes GoogleMaps and Yelp API to search and map desired locations.

Skills

Languages: C++, Python, Java, Swift, HTML, CSS, JavaScript

Skills: Git, iOS Development, Bash/UNIX, Flask, Scrapy, Splash, REST API

Leadership

DataBrains – Executive Board Member, Board of Projects

Fall 2018

- Manage the club's projects for undergraduates interested in Artificial Intelligence and Data Science and allow students to explore and learn about the industries
- Form teams of different projects and ensure each team is working effectively to make meaningful, impactful projects using AI and Data Science

Vanderbilt League of Legends - Treasurer

Spring 2018 – present

- Assisted in developing events for online and offline meetings to foster, develop, and educate the gaming community on campus
- Directed cash management for the organization's events throughout the year

Vanderbilt Commodore Orchestra – Section Leader

Fall 2017 – present

- Effectively led a group of 10+ musicians to organize meetings and improve their technicalities.
- Worked with the Board to improve and strengthen the groups' motivational cultures.
- Represented the group on various campus-wide committees