

# Jacob Park

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## Education

Vanderbilt University

Major: B.S., Computer Science

Minor: Scientific Computing

Nashville, TN

May 2020

## Relevant Coursework

Discrete Structures

Program and Project Management

High Performance Scientific Computing

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 to teach SAT
- Learned and utilized web development in order to construct a functional webpage for the organization.
- Utilized Java to write codes to hasten the process of repeated data collection from multiple sources.
- Gained experience working with programming to execute in a practical environment.

## Projects

**gaja** (Swift, API, 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

**RoadTrppn** (Swift, Python, Flask) – 4 person project

October 2018

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

## Skills

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

Skills: Git, Bash/UNIX

Certificates: FEMA

## Leadership

**DataBrains** – Executive Board Member, Board of Projects

Fall 2018 – present

- 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