Jacob Park

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Education

Vanderbilt University   **Nashville, TN**
Major: B.S., Computer Science   *May 2020*
Minor: Scientific Computing

Relevant Coursework (*Currently Enrolled*)

Program and Problem-Solving   Discrete Structures   *Intermediate Software Design*
Program Design and Data Structures   Program and Project Management   *Algorithm*
Computer Organization   *High Performance Scientific Computing*

Work Experience

Summer SAT – *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

RoadTrppn (Swift, Python, Flask)   *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

Maple Calculator (Java)   *Spring 2018*

- Developed a Java program in efforts to provide methods of feasible calculation to the gaming community
- Utilized object-oriented programming to integrate multiple different calculators and to reinforce knowledge from the course.

Skills

Proficient: C++, Java,, HTML, CSS
Familiar: Swift, Python, JavaScript, Arduino
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