

## Joshua Park

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### OBJECTIVE:

*Diligent student at Syracuse University with experience in both research and software development. Aiming to obtain a summer internship in the field of computer science and leverage skills successfully.*

### EDUCATION:

Syracuse University, College of Engineering and Computer Science  
Bachelor of Science, December 2020  
Major: Computer Science  
GPA: 3.389  
ECS Leadership Scholarship, Renee Crown Honors

Crescenta Valley High School  
May 2017

### SKILLS:

*Programming:* Java, C++, Python, MIPS, Haskell

*Applications:* Atom, EMACS, Microsoft Visual Studio, Microsoft Suite, Google Suite

*Languages:* Korean (Bilingual), Spanish (Conversational)

### RELATED COURSEWORK:

Analysis of Algorithms	Introduction to Artificial Intelligence
Design of Operating Systems	Data Structures
Evolutionary Machine Learning	Software Specification/Implementation
Social Media & Data Mining	

### RELATED WORK EXPERIENCE:

**Technology Consultant Intern, Jireh Clothing, Los Angeles, California**

**June 2019 – August 2019**

- Analyze information to determine, recommend, and plan installation of a new system or modification of an existing system.
- Analyze needs and software requirements to determine the feasibility of design within summer time constraint
- Create an inventory system that would communicate with different services already being utilized to streamline the business flow

**ECS REU Summer Intern, Syracuse University, Syracuse, New York**

**June 2018 – August 2018**

- Assist Dr. Steve Chapin in developing a prototype implementation of an Electric Vehicle Charging Negotiation Platform
- Analyze and interpret quantitative and qualitative results
- Prepare reports consisting of progress and final product to be presented to the ECS REU program.
- Develop a protocol for the exchange of electrical power between the electrical grid and electric vehicles.

### ENGINEERING APPLICATIONS:

**Swarm Research and Design, Jisan Research Institute, Alhambra, California**

**January 2014 – November 2016**

- Assist Dr. Sanza Kazadi in utilizing swarm design methodology to develop classes of swarm solutions to specific specifications.
- Lead a team of high school students in developing and collecting quantitative data on simulations of swarm classes.
- Prepare a research paper and poster to publish/present at ICAART 2017
- Research Paper Title: Generating Swarm Solution Classes using the Hamiltonian Method of Swarm Design

### LEADERSHIP/ACTIVITIES:

**Vice President, Junior States of America**

**August 2015 – November 2016**

- Organized and led a group of students in preparing for conventions focused on debating on proposed California bills.