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**Objective**

Seeking a 2015 summer internship where I can utilize my software development skills

**Education**

**University of California, Los Angeles** GPA: 4.00

B.S., Computer Science and Engineering Graduating June 2018

**Newbury Park High School** Indexed GPA: 4.90

**Technical Skills**

Primary programming language: JAVA (2.5 years), Secondary Language: C++ (2.5 years), Basic Knowledge of Python and JavaScript

**Project Experience**

*Optimal Pokémon Team Creator (Language: JAVA)*

* Implemented an evolutionary algorithm to determine the optimal traits of a Pokémon team
* Defined a fitness function that objectively evaluated a Pokémon team and rate its effectiveness
* After repeated iterations of the algorithm, the resulting Pokémon team was used successfully in competitive play

*Pokémon Simulator (Language: JAVA)*

* Designed a simple GUI allowing for the user to select his/her Pokémon and choose attack moves
* Applied inheritance to fully define and conceptualize Pokémon game mechanics
* Employed hash maps to create a large Pokémon library to provide players new options to use during repeated playing

*Battleship Simulator (Language: JAVA)*

* Programmed a Battleship simulator with a basic GUI utilizing 2 – D arrays to create the game board

**Leadership**

*Association of Computing Machinery (ACM, UCLA Chapter)*

ACM Teach, Hack, and Corporate Intern (Oct 2014 – Present)

* Coordinated UCLA Local Hack Day (50+ students) giving students an opportunity to experience a miniature version of a hackathon
* Created lesson plans for and taught beginner level technical workshops (Learning JSON with Jason)
* Contacted companies to schedule company info sessions for UCLA students
* Recruited students to lead one-off workshops with diverse topics such as web and app development

*Future Business Leaders of America (FBLA)*

Vice President (2013-2014)

* Organized all 100+ club members into various competitions both individual and team
* Created study groups and organized leaders to lead groups in preparation for competitions
* Contacted and selected certified proctors to administer pre-competition production tests for select competitions
* Gathered and distributed study materials such as practice tests and textbooks to club members

**Honors**

UC Regents Scholar, UCLA

High School Valedictorian

IB Diploma