Finn Childress

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Objectives

Seeking a 2019 summer internship to apply the skills I have learned from past internships, managing my online business, and taking university courses.

Education

California Polytechnic State University *B.S. Computer Science*   *San Luis Obispo, California*

- Computer Engineering Society Member   *Graduating June 2021*
- Dean's Honors List (All Quarters Enrolled)   **Major GPA: 3.75 | Overall GPA: 3.52**
- Courses: Computer Organization, Object Oriented Programming, Data Structures, Fundamentals of Computer Science, AP Computer Science, Calculus (I, II, III, IV), Linear Analysis

Professional Skills

- HTML/CSS
- Python
- Swift
- Java
- JavaScript
- Node.js and React Native Applications

- SQL and Mongo Databases
- Virtual Machine Experience
- PHP Experience
- Git Repositories
- Microsoft Office
- SolidWorks Design Software

Work Experience

Software Engineer Intern *ViaSat, Inc*   *Carlsbad, California*

- Created the "Unified VIPSAM Portal" (UVP) over 10 weeks   *June 2018 – September 2018*
- Created and hosted on a Linux Virtual Machine using a Mongo database and NodeJS utilizing Python, JavaScript, and HTML/CSS
- UVP is a user-based web application that allows users to display fleets on a map, view plane trouble tickets, and generate data reports from real-time terminal data streams
- Users include ViaSat, Airforce One, and general aviation satellite communication operators

Owner and Creator of Global Internet Gaming Service *Self Employed*   *Seattle, Washington*

- Independent ongoing project, Website: www.advancius.net   *August 2014 - Present*
- Over 50,000 users, over 1,000,000 website views, and over $3000 in revenue
- Develop and manage an online 24/7 internet gaming service that gives an enhanced multiplayer gaming experience to the game of Minecraft for thousands of players
- Service coded in Java and SQL with website coding in HTML/CSS and JavaScript
- Manage funds and profit of server and a staff of 20+ employees

Computer Aided Designer *Anticipate Ventures, LLC*   *Seattle, Washington*

- Developed UV sanitation prototype models   *June 2017 - September 2017*
- Worked with a team to refine prototypes for commercial use using CAD (Solidworks)

Awards and Memberships

- Major League Hacking hackathon winner (Augmented reality iOS app)   *February 2018* www.devpost.com/software/slohacks2018-khsd1x
- Collegiate club wresting State CA Championships second place   *February 2018* www.ncwa.net/news/2018/cal-poly-takes-collegiate-state-title-in-first-ncwa-appearance
- National Society of Collegiate Scholars member   *January 2018 - Present*
- High school Varsity Wrestling Captain, State Championships participant   *February 2017*
- High school Trombone Marching Band Section Leader   *June 2016 - June 2017*
- National Honors Society member   *April 2016 – June 2017*