

Tristan Burke



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Education

UC Berkeley, May 2019

BA, Computer Science. GPA (3.5)

Relevant Coursework:

Computer Science: Data Structures, Algorithms, Computer Architecture, Advanced Data Structures

Mathematics: Calculus, Discrete Mathematics, Linear Algebra, Probability Theory

Other: Electrical Engineering, Prototyping and Fabrication

American School in London, June 2015

SAT - Math(770), Reading (750), Writing (750)

AP: CS, Callculus BC, Physics C, Music Theory (5 in all tests)

Captain of Rugby Team, Ski Club President, Band Leader

Experience

uConnect Inc. May '16 - Aug '16

Boston MA. - [Software/Sales Intern](#)

- Created, updated, and modified over 30+ websites, each with thousands of users, using Wordpress, PHP, HTML, and other website management tools
- Worked with a team of fellow programmers through git to manage both specific site updates and whole product modifications
- Worked with clients and potential clients to improve their experience and refine our product

UC Berkeley - CS Department - Jan '17 - Present

Berkeley, CA - [CS Tutor/Instructor](#)

- Grade, advise, and tutor undergraduate Berkeley students in all self-paced CS classes including classes in Python, Java, C, and Unix
- Assist in the remodeling and creation of new assignments, exams, and projects for these classes

Inter Fraternity Council - Jan '17 - Present

Berkeley, CA - [VP, Internal Affairs](#)

- Manage, delegate and organize a budget of over \$100,000.
- Responsible for all Fraternity dues and fines, as well as executive budgets
- Provide council on all IFC matters, representing over 3,500 Cal Greeks

Yelp - May '14

London, UK - [Intern](#)

- Visited organizations throughout London and England to pitch and sell Yelp product
- Collected and organized sales data for processing and evaluation

Projects

Low-poly - Dec '16

- Created and coded a series of files in java that take an inputted image and produce a "low-poly" version of said image
- Code utilizes multiple data structures and coding techniques as well as Delaunay triangulation algorithms and other mathematical tools to create the final product

Skills

Languages

Python (Expert)

Java (Expert)

Unix (Expert)

C (Proficient)

SQL (Proficient)

HTML (Proficient)

PHP (Proficient)

C++ (Familiar)

Softwares

Git (Expert)

IntelliJ (Expert)

Adobe Illustrator (Proficient)

Adobe Photoshop (Proficient)

AutoDesk Fusion 360 (Proficient)

Xcode (Familiar)

Webstorm (Familiar)

Bootstrap (Familiar)

Personal

· Dual US/UK citizen

· Enjoys rugby, golf, skiing, hiking, piano, drums, travel and film

· Phi Kappa Psi Fraternity:

Brotherhood, Public Relations, and Philanthropy Chair within 3 semesters of joining