

Daniel George

(510)-737-9122 | danielgeorge@berkeley.edu | dgeo.me | dangeo773 | [in daniel-george-8799471b2](https://in.daniel-george-8799471b2)

EDUCATION

University of California, Berkeley

Berkeley, California

B.A. Computer Science (3.7), B.A. Statistics (3.7), B.A. Applied Math (Triple Major)

August 2020 - May 2024

Relevant Coursework: Optimization Models for Engineering, Efficient Algorithms and Intractable Problems, Numerical Analysis, Probability for Statistics, Artificial Intelligence, Machine Learning, Game Theory, Abstract Algebra, Concepts of Statistics, Machine Architecture, Linear Algebra, Data Structures and Algorithms, Structure & Interpretation of Computer Programs, Calculus, Introduction to Statistics, Real Analysis, Multivariable Calculus, Discrete Math & Probability Theory,

Activities: Machine Architecture Course Staff (Tutor), CSM (Machine Architecture Junior Mentor), Data Structures Course Staff (Academic Intern), UpSync Consulting (Senior Consultant), MUSA, CS Undergrad Association, Chess Club, UCB Azaad

PROFESSIONAL EXPERIENCE

Tesla

Fremont, California

Software Engineering Intern - (.NET, C#, SQL, Kubernetes, Docker)

January 2023 - Present

- Worked on Tesla's internal ERP system, WARP, on the IT Applications team to enhance efficiency of supply chain processes
- Automated PDF Generation for invoices, allowing WARP Payables to transition to Kubernetes and increasing scalability
- Engineered API calls to read properties from mySQL database and post invoices to Kubernetes endpoints based on result
- Used the Agile software methodology to generate concise code and convert **15+** SQL Stored Procedures to .NET code

Atlassian

Berkeley, California

Contract Business Analyst

August 2022 - December 2022

- Created branding strategies, analyzed competitors, and developed marketing strategy for Atlassian Together's release

Informed Assets

San Francisco, California

Software Engineering Intern - (mySQL, Python, CSS, HTML, Flask, SQLAlchemy)

May 2022 - August 2022

- Created API with CRUD endpoints to extract financial info from mySQL database in Flask and streamline data collection
- Developed a corresponding interface to reduce number of steps and time for customers to receive information by **42%**

Opoplan

Dublin, Ireland

Software Developer Intern - (Bootstrap, HTML, CSS, PostgreSQL, Flask)

May 2022 - August 2022

- Implemented interface to crowdsource government setback data archival & automate storage to PostgreSQL database
- Galvanized extraction of third-party residential plot information and increased efficiency of data mining process by **130%**

UC Berkeley Azaad Dance

Berkeley, California

Captain & Male Lead

May 2021 - May 2022

- Spent 40+ hours/week running practices and leading 8+ committees to beat 100+ other teams & perform at national level

Adventure Networks

Fremont, California

Frontend Development Intern - (ReactJS)

June 2021 - August 2021

- Used ReactJS to add over **20+ visual features** to Trychats, a chatroom that uses live cursor input for communication

PROJECTS

[Digit Classification](#) - (NumPy, Matplotlib)

- Built and trained perceptron & regression models and a neural network for digit classification & language identification

[Recipify](#) - (React Native, Firebase, Typescript)

- Designed and built a recipe recommending app that suggests recipes given inputted ingredients & dietary restrictions
- Implemented user authentication with Firebase to allow users to share cooks with friends and save ingredients & diets

[Tickets](#) - (ASP.NET Core, C#)

- Built an **MVC RestAPI** ticket system for work management from scratch with **model-binding** and **filter pipelining**

[Oncological Significance of CD-19](#) - (R, cBioportal)

- Analyzed genetic data on a potential oncogene; aggregated results into report presented to Genentech senior scientists

AWARDS

- **Nelson F. Peterson National Merit Scholar (\$8,000)** - One of 1,000 selected among 1.5 million students nationwide
- **World Chess Open 2019 u1400 1st-3rd Place(\$4,666)** - Beat out 140+ competitors in a 9-round swiss
- **World Chess Open 2021 u1600 3rd-6th Place(\$1,200)** - Ended nationally ranked in 94th percentile of junior players

SKILLS

• C • JavaScript • Java • Python • Flask • NumPy • CSS • R • HTML • RISC-V • ReactJS • C# • mySQL • ASP.NET •