

# Adam Chois

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Portfolio: <https://engineerdragon01.github.io>

## EDUCATION

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### University of California, Berkeley

**Expected May 2023**

Bachelors of Science in Bioengineering | Concentration in Synthetic and Computational Biology

Related Coursework: Introduction to Computer Programming, Data Structures, Multivariable Calculus, Linear Algebra and Differential Equations, Physics for Scientists and Engineers

## TECHNICAL SKILLS

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Web Development: HTML & CSS (1 yr) | JavaScript (1.5 yrs) | React | Flutter | GSAP | Bootstrap | Flask

Programming: Python (1.5 yrs) | Java (1 yr) | Git (1.5 yrs) | Dart (Learning)

Design: AutoCAD-Computer Aided Design (5 yrs.) | SVG Design

## EXPERIENCE

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### **Bayer, Quality Control Impurity Analysis/ELISA Intern**

**Jun 2020 – Sep 2020**

- Drafted financial data spreadsheets and presentations for company executives and project managers
- Reviewed and revised research procedures and updated my department's procedural Validation Master Plan
- Received professional training in Good Manufacturing Practices and laboratory Standard Operating Procedures

### **Google, Student Programmer (Computer Science Summer Institute)**

**Jul 2019 – Aug 2019**

- Learned about software project management, design principles, and fundamentals of Software Development
- Received mentorship from lead software engineers at Google's Mountainview Headquarters
- Developed a Web Application and gave a live project presentation to Google executives and employees

### **Elk Grove Unified School District, Technology Operations Intern**

**Jun 2018 – Aug 2018**

- Organized teams and helped manage and oversee multimillion dollar construction sites for 30+ schools
- Created professional content and user interface for district website and piloted Phantom 4 Pro Drones for content
- Modeled and digitally restored blueprints of school facilities using Computer Aided Design on a daily basis

## PROJECTS & ACHIEVEMENTS

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### Housing Hound (TreeHacks 2020 Project)

- Created a web-scraper that extracts information from housing offer posts on Facebook college groups
- Users input parameters for the type of housing desired and have relevant data returned without tedious searching
- Hope to implement a fraud-detection feature with a built-in "offer reporting" system in the near future

### Gitlet (School Project)

- Developed a simplified model of the Git version-control system with the commands found in the actual service
- Included capability of hosting collaborative repository projects, branching, and maintaining version history as well

### The Unit (Google CSSI Project)

- Built a group task manager that facilitates easier task tracking in professional & non-professional organizations
- Intended features include task completion alerts, randomized task management, data visualization, etc
  - Google Professional Certificate in Digital Marketing, Certified 7/2020, No Expiration Date
  - "Cal Alumni Leadership Award" Finalist, UC Berkeley, 2019
  - "Most Valuable Student" Scholarship Finalist and Winner, Elks National Foundation, 2019