Adam Chois

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EDUCATION

Bachelors of Science - Bioengineering | Concentration: Synthetic and Computational Biology **Expected May 2023**
University of California at Berkeley, Berkeley, CA

Related Coursework: Introduction to Computer Programming for Scientists and Engineers, Data Structures, Multivariable Calculus, Linear Algebra and Differential Equations, Intro to Biomedicine for Engineers, Intro to Plant Sciences, Chemical Structure and Reactivity, Organic Chemistry Laboratory, Physics for Scientists and Engineers

EXPERIENCE

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 – Facilities & Planning, 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   Portfolio Site: https://engineerdragon01.github.io/

Housing Hound (TreeHacks 2020 Project)   **Link:** www.github.com/engineerdragon01/TreeHacks-2020.git
- Created a web-scraper that extracts information from housing offer posts on Facebook
- Users input parameters for the type of housing desired and have relevant data displayed without tedious searching

Stepping Stone (In progress)
- Social media and resource platform intended to bridge the information gap in modern day educational institutions
- Helps connect high school students to college students, career professionals, and resources that debunk educational misconceptions and can be used to guide them earlier on in their educational journeys

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)   **Link:** www.the-unit-cssi.appspot.com/
- 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

TECHNICAL SKILLS

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

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

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