

# Cheuk Ho Lui

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## EXPERIENCE

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### **Dev/Mission – Uber Full Stack fellowship**

**January 2021 – May 2021**

San Francisco, California

- Developed a non-profit & community based [Bulga](#) financial project to help young adults jump start financial stability
- Collaborated with Code4SF's volunteer designer to build wireframes & visual design via Figma software
- Documented response from surveys and potential users' interview to improve personal development
- Engineered the idea of creating a budget project to help young adults save money through the use of personalized budget plan and automated system calculation

### **Dev/Mission – Pre apprenticeship**

**August 2020 – December 2020**

San Francisco, California

- Developed an [about me page](#) & [web app](#) via Glitch through utilizing multiple coding languages
- Gained software development skills: JavaScript, HTML, CSS & IoT exposures through Google employees
- Learned critical career skills as well as cultural understanding from attending virtual tech corporate visit

### **Thermo Fisher Scientific – Biosample Lab Associate @ Amgen**

**February 2020 - January 2021**

So. SF, California

- Responsible for receiving and accessioning over 500 HTSC biosamples weekly for distributions to internal/external vendors plus in-house process QC methods to assess the quality of samples
- Monitored shipments through LIMS & MOSAIC/REMP for downstream experiment
- Utilized Flow Cytometry protocol to set up morning equipment
- Oversee Critical Equipment Monitoring System (CEMS) to monitor ultra low temperature freezers
- Managed high density tissue archive room and arrange tissue blocks/slides upon request

### **Half Dome Solar Panels**

**August 2019 - December 2019**

UC Merced, Engineer Capstone Project

- Collaborated with team to build a semi-auto solar panels cleaning prototype to meet client's requirements
- Applied engineering knowledge to solve multiple constraints such as building's 6 story height, environmental hazards, pedestrian safety and OSHA regulations in developing prototype
- Financed and analyzed cost differential and energy savings between use of prototype and rainwater

### **Undergraduate Research Assistant – Bioprinter**

**August 2017 - December 2018**

UC Merced, School of Engineering

- Assisted PhD candidate in developing bioprinter to engineer tissue via coding language; worked on refining movement of syringe that delivers biomaterial
- Utilized SketchUp 3D modeling software to delineate each component for open source use

## EDUCATION

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### **University of California, Merced**

**Graduated December 2019**

B.S. in Bioengineering

### **Yonsei University (YISS) – Study Abroad Student**

**June 2019 - August 2019**

Seoul, Korea

- Studied international stock market and economics with international student body

## SKILLS AFFILIATIONS

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**Programming Languages:** JavaScript(ES6), HTML5, CSS3

**FrameWork/libraries:** React.JS

**Develop Tools:** Visual Studio Code, Git, Docker, SketchUp

**Languages:** Fluency in English, Mandarin, and Cantonese

**Affiliations:** Dev/Mission, College Track San Francisco, Sigma Chi