Timothy Zhao

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Education

University of California, Berkeley   *2014-Present*
  – B.S. in Electrical Engineering and Computer Science, Class of 2020
  – **CS** 61A Intro, 61B Data Structures, 61C Architecture, 70 Discrete Math & Probability
    Theory, 188 AI, 195 Linux System Administration **EE** 16A & 16B Information Devices
    and Systems, **Math** 53 Multivariable Calculus, 54 Linear Algebra

Experience

CS61B: Data Structures - Academic Intern   *Fall 2018*
  – Assisted TA during lab by guiding students and answering questions

Starbutter AI - Software Engineering Intern   *Aug 2017-May 2018*
  – Utilized and enhanced existing **Python** codebase to build **Lambda** backends for flagship
    financial product **chatbots** and integrate them into Google Assistant (**Actions on Google**),
    Facebook Messenger, and a self-built web-client (**HTML, CSS, JS, Chalice**) (**DialogFlow**)
  – Built a **content management system** to save Google Sheets into **DynamoDB** via a web
    interface allowing non-tech content developers to independently add material for chatbots
  – Set up **EC2** service (**Prerender**) in order to automatically scrape bank rates and serve to users
  – Designed system to send recurring subscription messages to Facebook & Google users
  – Built **conversion tracking** and **tracking pixels** for advertisements (**HTML, Outbrain**)

NextLesson - Software Engineering Intern   *Summer 2017*
  – Automated the sending of recurring emails to users (**Python, MongoDB, SendGrid**)
  – Redesigned error page and shopping cart for the company website (**HTML, CSS**)
  – Updated and added features to class management webpage

Phonak LLC. - Mechanical Engineering Intern   *Summer 2015*
  – Characterized Polisher/Grinder in order to increase efficiency of the **Quality Assurance**
    process of hearing aid proprietary batteries
  – Drafted **SOP**'s and **CAD** parts for team members
  – Researched the wearable medical product industry for the company to diversify

Computer Science Undergraduate Association - Member   *Spring 2017-Present*

Skills

Proficient: Python, Java, HTML/CSS, DialogFlow, Chalice, Flask, Git, AWS (Lambda, DynamoDB,
          IAM, Route 53, EC2, CloudFront, etc)
Experience in: C, Javascript, MongoDB, Node.js, Outbrain, Prerender, Selenium, Bash, Bootstrap

Personal Interests

Urban Dance | Classical Architecture | Sci-Fi | Infrastructure/Urban Development | LGBTQ+ Rights