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MATTHEW NGOR

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EDUCATION

Santa Cruz, CA　　　　　　　**University of California, Santa Cruz**　　　　　　　**Sept 2017 – Present**
- **Major:** Computer Science, B.S. (GPA: 3.5)
- **Undergraduate Coursework:** Data Structures; Algorithms; Computer Systems; Probability and Statistics; Calculus III; Coding for Social Good; Assembly Language; Discrete Mathematics

EMPLOYMENT

Software Developer, Intern　　　　　　　**Zoho Corporation**　　　　　　　**Summer 2018**
- Optimized Zoho CRM software by developing extensions in the company's scripting language, Deluge.
- Powered extensions by: adding third-party services through REST APIs, JSON manipulation, and OAuth 2.0.
- Built app that syncs data between Zoho CRM and Wrike (project management software / SaaS product) bidirectionally. Performs all CRUD functions. JavaScript, HTML, CSS, Deluge.

SOFTWARE PROJECTS

- **Bagito Android App**
  - Developed an Android application for Power2Sustain, a local non-profit organization, that allows people to rent reusable bags temporarily and return them to a designated bin; worked in a five-person team.
  - Communicated often with the CEO; performed need finding, prototyping, user feedback, A/B testing.
  - Implemented the QR code scanner functionality by using the ZXing library.
  - Presented the end product to the CEO and other organizations; received high praise.
  - Utilized: Android Studio (Java), ZXing; *app uses* Flask, MySQL, Google Cloud, Mailjet, Stripe
- **Resistor Calculator**
  - Developed an Amazon Alexa skill at MLH Hackathon CruzHacks 2019 that calculates the resistance and tolerance of a four-band resistor when provided with standardized color inputs through the VUI.
  - Utilized: JavaScript, NodeJS, AWS Lambda, Amazon Alexa, Amazon Developer Console
- **Zoho Partner Calculator**
  - Developed a web application for partners and salespeople to use to interactively illustrate to customers the total savings Zoho offers in comparison to competitors' products. Impacts company's business.
  - Project was *cancelled* due to various reasons, but I have learned a lot from this entire process.
  - Utilized: JavaScript, HTML, CSS
- **To-do List App**
  - Developed a to-do list app to exercise my self-learning of React. Creates and deletes user-inputted tasks.
  - Utilized: ReactJS, CSS

ADDITIONAL ACTIVITIES

- **Research Volunteer**　　　　　　　**Tech4Good Lab**　　　　　　　**April 2018**
  - Crowdsourced web development for nonprofits under the Causeway platform at UC Santa Cruz.
  - Built software components with HTML and CSS to contribute toward more complex projects.
  - Assigned all roles within the platform: Elements Developer, Layout Developer, Page Manager.
- **House Head**　　　　　　　**Chinese Student Association**　　　　　　　**May 2018 – June 2019**
  - Led and represented one of the five subgroups, comprised of 40 students, within the bigger organization.
  - Organized social events and hangouts in order for members to have a more comfortable environment to meet each other and create memorable experiences in college.

Languages and Technologies

- Java; JavaScript, NodeJS, ReactJS; C; HTML, CSS
- Eclipse, Unix, Git, FileZilla, Visual Studio Code, Sublime, Android Studio, Postman