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MATTHEW NGOR

EDUCATION

Santa Cruz, CA	University of California, Santa Cruz	Sept 2017 – Present

- **Major:** Computer Science, B.S. (GPA: 3.5)
- **Undergrad. Coursework:** Principles of Computer Systems Design, Intro. to Computer Networks, Calculus III
- *Upcoming*: Web Applications, Computer Security, Distributed Systems, Database Systems

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.

Web & Communications Assistant	UC Observatories	Sept 2019 – Sept 2020

- Built the new UCO website using Drupal. Later moved to WordPress.
- Updated UC Observatories and Lick Observatory websites with HTML, CSS.

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.

Languages and Technologies

- Java, JavaScript; NodeJS; ReactJS, C/C++, HTML, CSS, Python
- Eclipse, Unix, Git, FileZilla, Visual Studio Code, Android Studio, WordPress, Drupal, Postman, Mininet