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MATTHEW NGOR

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EDUCATION

Santa Cruz, CA	University of California, Santa Cruz	Sept 2017 – Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 – Present
<ul style="list-style-type: none">• Migrate web pages to a new web content management system – Drupal 8 Unify Lightning.• Update UC Observatories and Lick Observatory websites with HTML, CSS.		

SOFTWARE PROJECTS

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- **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
<ul style="list-style-type: none">- 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

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