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# JACKSON CATOZZI

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## Skills

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- Angular 2-8
  - Typescript
  - Javascript
  - RxJS
  - Node.js
  - NGXS
  - MongoDB
  - Express.js
  - HTML5
  - CSS
  - React Native
  - Redux
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## Experience

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**Software Engineer** **08/2018 to 11/2019**  
**The Hovercam** **San Diego, CA**

- **Developed** next generation, all-in-one, **classroom software** called Classfusion from the ground up using **Angular 2-8**
- Oversaw and was **personally responsible** for building an **assessment delivery system** spanning across 2 applications (teacher and student) including an assessment builder, an assessment work space, server/client side graders, and a **Socket.io** driven clicker response system
- **Implemented** and **optimized** complex **MongoDB queries** in order to efficiently interact with our database
- Managed our applications' complex states using **NGXS** and **RxJS**
- Leveraged the **Full MEAN Stack** to construct a **visually appealing**, easy to use, front-end backed with an **organized and efficient flow of data**
- Helped in the construction of a patented **interactive digital whiteboard** with **vector based recordings**.

**Software Quality Assurance Tester** **07/2015 to 04/2018**  
**Eturi Corp.** **San Diego, CA**

- **Grey** and **black box** testing
  - **Writing** and **executing** test cases for software on **iOS** (2 apps), **Android** (2 apps), **OSX**, **Windows** and **web** platforms
  - **Developed** proficiency with **Jira** and **Atlassian** software for professional development
  - Accessed and made changes to test accounts in the **server** using **SQL**
  - **Managed** asset list and did **inventory** for 50+ phones, tablets and computers
  - Employed **creative problem solving** to investigate difficult to reproduce issues
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## Education and Training

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**Bachelor of Science: Computer Science**  
San Diego State University San Diego, CA

**2013**  
Rancho Bernardo High School San Diego, CA, United States

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## Projects

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- Currently developing a **mobile-app** for the SDSU Climbing Club for managing their gear, sign-ups and communication with their members using **React Native**, **Redux**, **Express.js** and **MongoDB**
  - Developed a **2D side-scroller** entitled The Adventures of Entropy Boy
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## Portfolio

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- catozzi.io