

Nicholas Szeto

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GitHub: github.com/niszeto

Portfolio: niszeto.github.io/portfolio

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ReactJS, React Native, Node.js, Express, SQL, PostgreSQL, HTML5, CSS3, Java, Git
 - **Exposure:** Redux, GraphQL, MongoDB, AWS RDS, AWS EC2, Heroku, Python
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>PROFESSIONAL EXPERIENCE

SFSU | Software Engineer, Mentor | San Francisco, Holloway Aug 2017- Jan 2018

- Mentored team of 3 biology students to design, plan, and implement web application prototype in JavaScript, HTML5, and Bootstrap 4, used to predict parent cats' offspring traits with solid foundation in 4 months.
- Facilitated weekly in person meetings to discuss current progress, reflect on problems encountered, and plan for future work, keeping project on track to improve productivity.
- Provided suggestions, direction, and both technical and emotional support in person and through phone when desired plans do not proceed as expected or when unforeseen events occur.

SFSU | Java Instructional Student Assistant | San Francisco, Holloway Aug 2017- Jan 2018

- Taught and instructed supplementary Introduction to Programming with Java lab to class of 30 students.
 - Developed 10 weekly lesson plans and assignments to enforce better understanding of introductory programming concepts (variables, control flow, basic data types, object-oriented programming).
 - Emphasized good programming practices showed in code examples and mentioned in lesson plan to improve students programming sense and aid in debugging.
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>EDUCATION

Bachelor of Science in Computer Science, San Francisco State University, Magna Cum Laude GPA: 3.79 May 2018

>PROJECT WORK

Nixs | Full Stack Engineer and Designer | [live](#) Mar 2019 - Present

Personal food image blog website to allow for creation of posts and sharing of thoughts and pictures from restaurants.

- Hosted Full Stack website on Heroku and AWS RDS with RESTful API endpoints using JavaScript, Node.js, Express, and PostgreSQL to allow the front end, using ReactJS, JavaScript, HTML5, CSS3, to efficiently receive data and display pages.
- Organized database tables for logical relations and extension using SQL designer and wrote efficient queries using PostgreSQL for fulfilling application needs and future features.
- Constructed posts infinite scroll in front end and pagination in back end to save on request bandwidth while giving users a seamless browsing experience.
- Designed the UI through iterations and created 25+ components using ReactJS for modularity, and reusability.

SMS Bot | Front End Engineer | [code](#) Nov 2018 - Feb 2019

UI for mobile application to message and organize event scheduling and contacting of multiple different users.

- Accommodated multiple design suggestions and built front end UI to provide better user experience and to be easily implemented with backend using JavaScript and React Native.
- Created and separated 20+ modules using React Native, improving maintainability and extensibility.
- Illustrated prototype design using Figma to go through different users for iterations and design changes.

Uno | Full Stack Engineer | [live](#) | [code](#) Mar 2018 - May 2018

Uno web application with automated gameplay, multiple concurrent games, and built in chat functionality.

- Implemented RESTful API endpoints using JavaScript, Node.js, and Express, allowing for both concurrent data manipulation and retrieval, as well as live updates.
 - Engineered database tables for logical associations of data and efficient queries using SQL designer and PostgreSQL for efficient streamlined requests.
 - Mocked and implemented prototype page blueprints to give idea of functional product in black and white.
 - Produced game logic to ease understanding flow of site using Google Docs which aided in database design.
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>ACTIVITIES Archery (recurve bow), swimming, and cooking