Nicholas Szeto

San Francisco, CA
(937) 612-1974
NicholasYLSzeto@gmail.com
github.com/niszeto
linkedin.com/in/nicholas-szeto
niszeto.github.io/portfolio/

EDUCATION

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

PROJECTS

Uno [GitHub](#) | [Heroku](#)   2018
- Mocked up and implemented prototype page blueprints to give an idea of finished and functional product.
- Produced the game logic to ease the understanding of the design flow of the site which aided in design of the database.
- Engineered the database for logical associations of data and efficient queries for quick and minimal requests.
- Implemented the REST API endpoints to allow for both data manipulation and retrieval as well as live updates.
(Node.js, express, PostgreSQL, JavaScript, EJS, HTML5, Bootstrap 4, CSS3)

Chowin-Out [Github](#) | [Play Store](#) | [App Store](#) | [App Presentation](#)   2018
- Led meetings and organized a team of 4 to create and launch an iOS and Android application in 3 weeks time.
- Planned out the app and delegated tasks to help the team have a simpler time implementing the product.
- Constructed app navigation tree logic and layout to give users the most simple and intuitive experience.
- Worked on backend implementations and communicated with the frontend team to complete project on time.
(React Native, JavaScript, CSS3)

SMS Bot [GitHub](#) | [Expo](#)   2019
- Illustrated prototype design of app to go through multiple different users for iterations and design changes.
- Accommodated different design suggestions and built the frontend UI to be easily implemented with a backend
- Created, organized, and separated many different modules for ease of module reuse, future changes, and expandability.
(React Native, JavaScript, CSS3)

Crypto-Brite [GitHub](#) | [Expo](#) | [SF Hacks](#) Best Beginner Hack, Best Use of Dash API, Best Mobile Hack   2018
- Cooperated within a team of 4 to raise, design, and implement 2 iOS and Android applications within 24 hours.
- Formed the navigation logic of the mobile application to have a solid foundation of transitions between screens.
- Produced the design, styling, and placement to quickly model initial concept of the app and start implementation of app.
- Carried out the creation of screens with simple yet eye catching designs to captivate users' and judges' attention.
(React Native, JavaScript, CSS3)

Gator Realtor [GitHub](#)   2017
- Took on role to be frontend lead to fulfill need in the team of separate responsibilities and improve productivity in the team.
- Fabricated mock up designs to be critiqued by stakeholders to iteratively improve the product before implementation.
- Executed updated designs and implemented priority features to have a polished and complete product on time.
(Handlebars.js, HTML5, JavaScript, Bootstrap 4, CSS3)

EMPLOYMENT HISTORY

PINC Mentor | San Francisco State University   August 2017 - January 2018
- Mentored a team of three biology students to design, plan, and implement a web application used to predict parent cats' offspring traits.
- Facilitated weekly meetings to discuss current progress, reflect on problems encountered, and plans for future work.
- Provided suggestions, direction, and both emotional and technical support to the team when desired plans do not proceed as expected or when unforeseen events occur.

Instructional Student Assistant | San Francisco State University   August 2017 - January 2018
- Taught and instructed a supplementary *Introduction to Programming with Java* lab to a classroom of roughly thirty students.
- Developed weekly lesson plans and assignments to enforce a better understanding of introductory programming concepts (variables, control flow, basic data types, object-oriented programming).
- Emphasized good programming practices throughout the semester to help students become better developers.

LANGUAGES AND TECHNOLOGIES

React, Node.js, Javascript, Java, React Native, HTML5, CSS3, SQL, PostgreSQL, Bootstrap 4, Git