Stephen Chung

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Projects   **Discode**   *React, Redux, Ruby on Rails, PostgreSQL*   Live | Repo
Discode is a clone of the real-time voice chatting application for gamers called Discord. The clone was created in a 10-day sprint as a solo project.
- Incorporated WebSockets to create a chatting application for a responsive user experience where any user-to-user interaction is in realtime
- Utilized hashing functions to index associations and decrease collision during model initialization but allow for duplicate usernames

Hexagon   *JavaScript, Canvas, Firebase*   Live | Repo
- Built a geometric video game using precise algorithms to render complex shapes using vanilla JavaScript and a single Canvas element
- Incorporated a database using Google Firebase to keep high scores that update in real time

Skills

React	Redux	Rails	Ruby	PostgreSQL
Firebase	Javascript	SQL	Java	Python
HTML5	CSS3	ActionCable	jQuery	Firebase

Work History   **System Build & Integration Service Co. Ltd.**   Summer 2016

Software Engineering Intern
- Launched a functioning prototype within a strict deadline as a bid for a weather website for the PyeongChang Olympics 2018 with a five-member developer team, resulting in a success win and launch of website.
- Performance and teamwork with other developers in second language (Korean) results in a full-time job offer."

Education   **App Academy** *Web Application Development*   Winter 2018
Full time full-stack web development intensive with <3% acceptance rate

Actuarial Exams Passed   *PFM*

SUNY Geneseo, Geneseo, New York   Summer 2016
B.A. in Mathematics
Curriculum Highlights
Numerical Analysis, Linear Algebra, Probability & Applied Statistics

Stuyvesant High School   Summer 2011