MIKE CHAN
SOFTWARE DEVELOPER

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EDUCATION

AppAcademy
1000-hour immersive full-stack web development intensive with <3% acceptance rate

Brooklyn College - City University of New York
MS Health Informatics 2016
Relevant Coursework: Advanced Programming Techniques, Data Structures, Discrete Structures, Analysis of Algorithm, Computer Applications in Health Sciences, Introduction to Management Information Systems, Computer Systems and Architecture, Database Systems

Stony Brook University
BS Health Science 2014
Relevant Coursework: Developing Health Information Systems, Developing Health Information Systems, Applied Mathematics and Statistics

PROJECTS

DISMIKE   Mar 2018 - Current
Launched a single page web application clone of Discord, using Ruby, Ruby on Rails, JavaScript.
Implemented ActionCable web sockets features from Rails to incorporate real-time messaging
Utilized React to minimize back-end database queries by bundling data extractions to feed into the frontend

BLING   Mar 2018 - Apr 2018
Lightweight JavaScript library inspired by jQuery
Developed own unique version of jQuery utilizing DOM manipulation techniques
Implemented use in creating BlingSnake, a game inspired by Snake using only plain JavaScript and Bling

BLINGSNAKE   Mar 2018 - Apr 2018
Game inspired by Snake using Bling

WORD-INVADERS   Mar 2018 - Apr 2018
Typing game inspired by Space Invaders where user destroy words by typing
Utilized jQuery and plain old JavaScript to manipulate visual effects of words deploying into the game
Applied hash structure to easily remove words from game, improving efficiency in the program

EMPLOYMENT

MAIMONIDES MEDICAL CENTER   Brooklyn, NY
IT Implementation Intern   Apr 2017 - May 2017
Extracted and organized data using database queries to create statistical and analytical reports of patients
Conducted training sessions to guide Brooklyn Health Home and MMC PPS users on best practices of GSI Health Coordinator, reducing database errors by 50%
Generated scripts to automate weekly insertion and extraction of data from database, reducing 20 hours per week required for manual data extraction

NORTHWESTERN MUTUAL   New York, NY
Operation Specialist   Mar 2015 - Jul 2015
Organized critical client files and streamlined into an electronic database for faster retrieval, increasing client portfolio submission by an average of 20 per week
Served as sign on coordinator to troubleshoot technical problems for both financial representatives and staff
Managed inventory supplies and kept operations running smoothly and efficiently, leading to all time high office revenue of $500,000 per month for 3 months

SKILLS

Ruby, Ruby on Rails, JavaScript, SQL, Git, React, Flex/Redux, jQuery, RSpec, HTML5, CSS3, Outlook, SharePoint, MS Access, C++