

KI KI CHAN

kikiportfol.io

hiu.chan@tufts.edu

857-284-2609

EDUCATION

Tufts University Graduate School of Engineering '2019 | M.S. Computer Science GPA 3.3 | Tufts University B.S. Computer Science | B.S. International Relations

Artificial Intelligence | Machine Learning | Big Data | Database Systems | Mobile Development | Cyber Security | Data Visualization | Algorithms | Machine Structure & Assembly Language | Web Development | Computational Theory | Discrete Math | Data Structures | Programming Languages | Computing for Developing Regions

WORK EXPERIENCE

Slalom | Software Engineer Intern

June - Aug 18

Built a business management AI Chatbot on Alexa and FB Bots on a NodeJS and AWS stack. Code was hosted on AWS lambda services, using AWS Lex and Alexa Skill Kits. Optimized data using AWS ElasticCache (redis) services for faster data retrieval.

FinTech Sandbox | API coordinator

Sept - Feb 17

Administered the company github, interacted with open source code sent in by other fin-tech companies. Liased with the engineering team of fin-tech companies around boston.

Tufts University | Web Programming Teaching Assistant

Sept - Dec 17

Helped students with projects using MongoDB, Heroku, Javascript, Open Source API. Held course office hours and graded course homework.

KONVIV | Full Stack Engineering Intern

June - Aug 17

Built a smart learning fin-tech app that projects users monthly budget, including groceries, subscriptions, and remittance. Used Firebase, Express, Heroku and JS for hosting the app, optimized PlaidAPI and GooglePayAPI for smarter categorising of transactions.

PROJECTS

Anti Bullying Chrome Extension with Google Jigsaw Software: Provides live feedback to online commenters informing them the level of harassment using NLP analysis; submitting research to CHI Conference 19. *Jigsaw, GoogleCloud, JS*

Health Helper: Mobile app to incentive HIV users to track their medication using QR codes and user competition. *ReactNative, RedisCache, Javascript.*

Sentiment Analysis on GOP vs Dems Tweets: Data visualization tool to compare the sentiment of tweets by politician divided by party and issue. *D3, Javascript, NLTK Python.*

Walker PAL: Tracking app for women to feel safe when walking alone at night or in dangerous areas. *ReactNative, FireBase, Geolocations, TextAPI.*

Food Data Analytics: Data visualization tool for agricultural indicators to help investors better visualize the value of stocks for African companies. *Highcharts, Worldbank API.*

Unapologetic Text: Interactive visual campaign to encourage women to use their voices to say "NO" to unwanted advances. *HTML/CSS/Jquery and Javascript.*

Redline Updates: Live train schedule based on proximity of user. *GoogleMaps, Boston Transport API, heroku, MongoDB.*

TECHNICAL SKILLS

Language: Python, C/C++, NodeJS, Javascript, React-Native, D3/SVG, HTML/CSS,

Database: FireBase, MongoDB, SQL, RedisCache, PostgreSQL

Software: AWS Lambda, AWS Lex, Alexa Skill Kits, Python scikit-learn, NumPy, Pandas, Hadoops, Spark, Git