Shawn Gong

3A Computer Science

TECHNICAL SKILLS

EXPERIENCE
4+ years of full stack web development. Currently self learning iOS on Udemy.

LANGUAGES
Extremely experienced in JavaScript. Industry and academic experience in Python, C#, C, C++, and Scheme.

TOOLS
Node.js, React.js, Angular.js, Git, Visual Studio, MySQL, Linux, Grunt, Express, Xcode, HTML5, CSS.

EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of Computer Science
Expected 2019 | Waterloo, ON
Cumulative average 81.33%.

INTERESTS

TOPICS
Natural Language Processing
Machine Learning, Dev Ops
User Experience, Open Source

ACTIVITIES
Math137 Teacher's Assistant
Vietnamese Student Association
Website Administrator

HOBBIES
Soccer, Skating, Cooking, Reading, Investing, Weightlifting

LINKS

- shawngong.me
- github.com/shawngong
- 669-264-8743
- sc2gong@edu.uwaterloo.ca

HACKATHONS

UofT Hacks | MeetAFriend
Hack the North | Musicx

WORK EXPERIENCE

YAHOO! INC | Software Engineering Intern
August - December, 2016 | Sunnyvale, California
- Worked as part of a three person team to launch Blitz, a Yahoo Fantasy Football chat bot, which was featured in the tech blog *digital trends* and received over 10k DAUs in its first month.
- Trained bots using a NLP retrieval based tool by mapping user utterances to intents and generating TSV entity dictionaries.
- Designed a MySQL relational database, which was implemented using Knex.js and wrote Node.js back end code in ES6.
- Conducted user studies on Reddit and in person. Also analyzed user metrics to push out weekly user experience improvements.

IMAGINE COMMUNICATIONS | Full Stack Web Developer
January - April, 2016 | Waterloo, Ontario
- Worked as the lead developer on an original product called Sports Panel, which earned the company a new contract at NAB 2016.
- Implemented REST endpoints in C# backend using the .NET framework and built the corresponding front end client.
- Set up a server side event channel to push notifications from the backend to the client in real time.

ESENTIRE | Web Developer
May - August, 2015 | Cambridge, Ontario
- Created an interactive testing platform for all of eSentire's internal REST APIs using Swagger-UI.
- Added an AngularJS front end to a Django application and refactored code to be more structured.
- Rebuilt several front end components of eSentire's Security Operations Center Dashboard in React.

RECENT PROJECTS

SWAGGER-UI | Contributor
July - August, 2015
- Added a feature into Swagger-UI to display cUrl output in its UI.
- Featured as a major highlight of Swagger-UI's 2.1.0 release.
- Wrote a guide titled *Swagger-Node-Express for existing APIs*, which has currently received 46 stars on Github.

MUSICX | Sole Developer
Hack the North 2015
- Designed and built a web app that can call any phone number and play a .mp3 format audio file to the number.
- Wrote Node.js backend using an Express Server to make HTTP requests to the Twilio API. Deployed using Heroku.