

# QILE WANG

Systems Design Engineering I University of Waterloo

## EXPERIENCE

### TD Innovation Labs

Solutions Developer • Jan 2016 - April 2016 • Waterloo, ON

- Used **Design Sprint** principles to prototype new banking solutions
- Researched **Emerging Web Technologies** such as Service Workers
- Developed **Android** applications for potential customer use
- Built server side components for multiple projects with **Node.js**
- Explored **Augmented Reality** to create inventive new applications for the future of banking (**C#, Unity**)

### Freelance Web Developer

Contractor • Mar 2015 - Present • Various Locations

- Built front end websites using **Javascript, HTML, CSS** for clients
- Helped design clean **User Centric** interfaces
- Clients include: Vitameter, Penta Medical, and Mr.Tutor GTA

## PROJECTS

### Texty

SMS Bot Interface to Access Web Features • Jan 2016, May 2016

- Created with **Twilio, Firebase** and **Node.js**, hosted on **Heroku**
- Checks translations, weather, stocks, currency, and email with APIs
- Text (226) 779-0980 to try it. Currently under active development!

### AL - Alzheimers Assistant Edison

Standalone Tracker for Roaming Patients • March 2016

- Built with a **Node.js** serverside and **Intel Edison** for tracking
- Wrote part of the **bash scripts** for connectivity & all of the backend

### TIN - Tourist Information Network

Meeting Point Finder with SMS • Feb 2016

- Created with **Twilio, Android, Node.js, Firebase, Google APIs**
- Was responsible for integrating Android app with Twilio & API calls
- Featured in Twilio Project Promotion Video with Interview

### ResearchMe

Web Checker for Tech Resume Listed Projects • November 2015

- Created with **Python, Django**, and **Google Search API**
- Was responsible for API implementation and Django integration

✉ Qile.Wang@uwaterloo.ca  
🌐 Aroundthelines.com  
in linkedin.com/in/qilewang  
🔄 AroundTheLines

## SKILLS

**Languages:** Javascript, HTML, CSS, Python, C++, C#, Java

**Libraries & Frameworks:** Node.js, React.js, Bootstrap, Sass, Django, Unity, Vufoia

**Tools:** Git, Webpack, Babel, Grunt, Npm

**Hardware:** Intel Edison, Arduino, Myo Armband

**Methodologies:** SCRUM, User Centered Design, Design Sprint

## ACTIVITIES

**Velocity Resident:** Living & Participating in UWaterloo's Residence for Entrepreneurs

**EngSoc Representative:** Class Representative for the Engineering Society

**Hackathon Hacker:** Veteran Hackathon Attendee with 13 Events Attended in Canada, the US, and Sweden

## HACKATHONS

**WearHacks Toronto:** Smart Pillow for Sleep Management

**BostonHacks 2015:** EMS Caller Voice Analysis to Estimate Likelihood of Shock on Site

**WildHacks 2015:** Homeless Shelter Availability Hotline

**Nordic IoT Hackathon:** Swedish Hackathon, Created an In-Hospital Patient Feedback System for Doctors / Nurses