# Yizhi (Fred) Cui

| **Present Address** | | **Website and Email** |
|---|---|---|
| 1-401 Keats Way | | https://fredtsui.github.io |
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**Objective**  Full Stack or Back-End Software Developer

**Education**

**Candidate of B.CS, University of Waterloo** , Waterloo, ON, Sept. 2015 - Present
Cumulative GPA 84% overall, 84% in major
Expected Graduation Date: Aug. 2019

**Skills & Qualifications**

- Proficient in C, C++, Java, JavaScript(React, Angular), t-SQL
- Basic knowledge in Python, bash scripting, MATLAB
- Development skills in modern web frameworks/libraries (React, Angular, JQuery)
- Deep understandings of technologies like RESTful API, WebSockets and Spring
- Hands-on experience with cloud computing technologies (AWS)
- Proficiency in version control tools like GitHub and SVN
- Excellent problem solving and trouble shooting skills
- Fast and eager learner who can work well individually or as a team player

**Experience**

**Software Developer,** TD Securities, Toronto, ON          May - Aug, 2018
- Migrated the front-end of a blockchain application to Angular JS
- Implemented Java procedures to generate customized report from data in database
- Development stack: Angular.Js for front end, Java and Node.js for back end

**Software Engineer,** Yuja Corporation, Toronto, ON          Sept - Dec, 2017
- Designed and implemented a web video conference room application from scratch
- Product was pushed to production by the end of the work
- Development stack: React for front end with support of WebRTC libraries, REST API in Java for back end with third-party media server(kurento) hosted on AWS

**Support Software Developer,** Third Eye Solutions, Toronto, ON  May - Dec, 2016
- Worked on front-end UI fixes
- Used xml languages and SQL queries to pull data from database and generate financial reports, statements and notices

**Relevant Projects**

**Chamber Crawler 3k,** CS246 Object Oriented Programming          Spring 2017
- A dungeon adventure game designed on C++
- Design patterns: factory pattern and visitor pattern
- Extensive use of C++ STL

**Hobbies and Free Times**

- Engaged in sports activities such as basketball, badminton and table tennis
- 3rd place in university's table tennis tournament