

# Jeffrey Wang

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## EDUCATION

### Rice University, Computer Science Program

Bachelors in Computer Science

**Cumulative GPA:** 3.77

**Relevant Coursework:** COMP 182 Algorithmic Thinking (Algorithmic Thinking and Discrete Mathematics); COMP 431 Web Development (Frontend and Backend Development), COMP 215 Introduction to Program Design (Java 8, Object Oriented Programming, and Functional Programming)

**Houston, USA**

Aug. 2015 – Present

### McGill University, Materials Engineering and CO-OP Program

Bachelors of Engineering in Materials Engineering

**Cumulative GPA:** 3.82

**Awards:** 1<sup>st</sup> Place in category of Marketing at McGill In-House DECA Competition

**Relevant Coursework:** COMP 208 Computers in Engineering (Introduction to high level programming in C)

**Montreal, Canada**

Aug. 2014 – Jun. 2015

## WORK EXPERIENCE & SUMMER ACTIVITIES

### Rice University, OwlSpark Startup Accelerator

**Houston, USA**

*Co-Founder of Atmo, Demoed at Bayou Startup Showcase*

Summer 2016

- Iterated through and developed business and product plans for Atmo, an app that helps working millennials find bars based on the atmosphere and other consumer preferences
- Drafted front end wireframes, developed a landing page for Atmo and garnered consumer feedback
- Implemented the 24 Steps of Disciplined Entrepreneurship methodology and tested key business assumptions
- Conducted 85+ personal customer interviews to identify consumer demographics, market segmentation, and product market fit

### McGill University, Chemistry Department

**Montreal, Canada**

*Paid Student Researcher, Tomislav Friscic Research Group*

Summer 2015

- Conducted research in MechanoChemistry, which is the field of low-energy synthesis of products through mechanically induced reactions
- Produced zinc layered materials from ZnO and ammonium salts using accelerated aging

### Pulse Energy, Energy Software Startup

**Vancouver, Canada**

*Software Intern, Engineering Department*

Summer 2012

- Developed energy intelligence tools that would collect data and recommend energy saving actions for commercial and institutional buildings
- Analyzed data on energy usage, peak loads, and costs to calculate energy savings for businesses over time
- Drafted a plan to incorporate energy saving recommendations into Pulse Energy's next beta software: a platform that collects data and recommend energy saving actions for commercial and institutional buildings

## LEADERSHIP AND ACTIVITIES

### Computer Science Club, Rice Apps

**Houston, USA**

*Team Lead*

Oct. 2016 – May 2017

- Lead the development of an automated shift scheduling web app for Rice's on campus coffee house
- Oversaw a team of 4 developers and developed front end of web application using HTML, CSS, and Javascript

### McGill Formula Electric Team

**Ottawa, Canada**

*Chassis Team Assistant*

Sept. 2014 – Jun. 2015

- Presented on behalf of sub-team at a final design review in front of panel of judges and professionals
- Optimized chassis design that reduced manufacturing costs after final design review

### DECA McGill

**Ottawa, Canada**

*Delegate*

Sept. 2014 – Jun. 2015

- Won 1<sup>st</sup> place in Marketing at McGill In-House DECA Case Competition
- Presented business proposals, incorporating marketing aspects regarding international expansion

## SKILLS & INTERESTS

**Language:** Native in English, Fluent in Mandarin

**Skills:** Python, CSS, HTML, Javascript

**Interests:** Photography, Tennis, Travelling, Golf, Technology