

# So Boon Hong Donovan

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## Education

### **Hong Kong University of Science and Technology**

*Bachelor of Engineering in Computer Engineering; GPA: 3.925/4.3*

SEP 2015 - PRESENT  
(EXPECTED JUN 2019)

### **St. Paul's College, Hong Kong**

SEP 2012 - JUL 2015

### **HKUGA College, Hong Kong**

SEP 2009 - JUL 2012

## Skills

### **Programming**

HTML, CSS, JavaScript, jQuery, Node.js, Express, Passport.js, React, Redux, Mongoose, C++, Python, Git

### **Design**

Adobe Photoshop, Adobe Illustrator, Sketch

## Projects

### **Classly** - [classly.io](https://classly.io) (Team of 4)

FALL 2017

- developed an in-class Q&A discussion platform for university lectures
- used React, Redux and Socket.io to build real time chat room functionality
- 4 universities expressed interest in testing the app in real lectures

### **Electron Collaborative Text Editor** (Personal project)

SUMMER 2017

- built contentEditable based desktop collaborative rich text editor
- developed a modular, single-page application with React, React Router and Redux
- utilized React Material UI component library to achieve professional look
- implemented real time collaboration with using WebSockets

### **AI Slack Scheduler Bot** (Team of 4)

SUMMER 2017

- developed a Slack bot that intelligently creates Google Calendar invites and reminders for users
- leveraged API.AI for natural language processing training
- built OAuth flow for Google Calendar within the Slackbot
- utilized Slack Real-time Messaging API and interactive messages to assist meeting and reminder creation within Slack

### **Django Web Application Development** (Team of 3)

WINTER 2016

*Project for Simon W.F. Ng & Company, Certified Public Accountants (Practicing)*

- developed a task management web application prototype to assist the handling of hundreds of accounting cases
- developed user interface and login functionality, tested case searching

## Extracurricular Activities

### **Undergraduate Research Opportunities Program (UROP)**

FALL 2016

- performed independent research in recommendation systems and their applications in e-commerce sites, such as *Pearson's correlation system* and *cosine similarity measure*

## Honors

**Li Po Chun Charitable Trust Fund Scholarship** (2017), **Dean's List** (FALL 2015, SPRING 2016, SPRING 2017), **University Scholarship** (2015), **Stanton Scholarship** (2015)

## Language Skills

Fluent English (IELTS 8.0/9.0, TOEFL iBT 115/120), native Cantonese, fluent Mandarin, elementary Japanese