

# So Boon Hong Donovan

bhdso@connect.ust.hk | (+852) 6920 1760

## Education

**Hong Kong University of Science and Technology (GPA: 3.925/4.300)**

*Bachelor of Engineering in Computer Engineering*

SEP 2015 - PRESENT  
(EXPECTED JUN 2019)

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

SEP 2012 - JUL 2015

**HKUGA College, Hong Kong**

SEP 2009 - JUL 2012

## Programming Skills

Proficient: HTML, CSS, JavaScript, jQuery, Node.js, Express, React, Redux, Mongoose, C++

Competent: Python, Django, Git, Heroku

Some knowledge: Java

## Design Skills

Adobe Photoshop, Adobe Illustrator, Sketch (portfolio: <http://donovanso.com>)

## Projects

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

FALL 2017

- Developed an in-class Q&A discussion platform for university lectures
- Achieved professional look by using React Material UI component library
- Utilized React, Redux, React Route and Socket.io to build real time chat room functionality
- Implemented Express backend, including password hashing with *bcrypt* and form validation with *express-validator*
- Designed MongoDB schemas for effective storage of data

**Committed** - Chrome Extension (Personal project)

FALL 2017

- Published a todo manager in Chrome NewTab page with an active user base
- Incorporated React libraries such as react-beautiful-dnd, react-collapse and react-day-picker

**BRICKR** - Winner of Horizons School of Technology Hackathon (Team of 3)

SUMMER 2017

- Created an AR Brick Breaker game where the player holds a physical object to catch the ball in game
- Implemented computer vision and collision detection with tracking.js library

**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

**CodeIT Suisse 1st Runner Up** (2017):

- Competed against 28 teams and solved 9 out of 10 coding challenges within 24 hours

**Li Po Chun Charitable Trust Fund Scholarship** (2017), **University Scholarship** (2015)

- Awarded full scholarships for academic excellence in university

**Dean's List** (FALL 2015, SPRING 2016, SPRING 2017)

- Awarded for achieving a term average GPA of 3.700 or above in three out of four semesters

## Language Skills

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