

Jade Chan

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EDUCATION

Tufts University, College of Arts & Sciences

Graduation: May 2017, *GPA:* 3.42

Majors: Computer Science (B.S.) & English (B.A.)

Danish Institute of Study Abroad (DIS)

Courses: Graphic Design Studio, Summer 2015

SKILLS

Programming Languages

C / C++ ● ● ● ● ● ● ● ○ ○

Java ● ● ● ● ● ○ ○ ○ ○

Python ● ● ● ○ ○ ○ ○ ○ ○

HTML / CSS ● ● ● ● ● ● ● ○ ○

JavaScript ● ● ● ● ● ● ○ ○ ○

SQL ● ● ● ● ● ● ● ● ○

Technologies & Frameworks

jQuery, OpenGL, AngularJS

Software

emacs, git/svn, Adobe Illustrator,

InDesign, Photoshop

Foreign Languages

Cantonese & Mandarin

EXPERIENCE

TripAdvisor, Software Engineering Intern // May - Aug 2016

Booking Platform Team

- Added stored payment validation to ensure payments from unauthorized points of sale were not stored.
- Improved Instant Booking's customer capabilities for cancellations, providing a more reliable user experience.
- Modified booking database queries, filtering also by booking workers.

Tufts Computer Science, Teaching Assistant // Jan 2016 - present

Web Programming

- Guided students on labs and assignments, explained high level concepts, and assisted in comprehending and debugging code.
- Hosted office hours, graded assignments, and proctored quizzes.

PROJECTS

CITIES // Apr 2016

- Designed and implemented a program that procedurally generates a different urban landscape each time the program is run, featuring an intuitive keyboard GUI and a maneuverable camera which emulates movement / flight.

TRVLR, Winner of TripAdvisor API Award @ Tufts Polyhack // Oct 2015

- Developed a full-stack solution that organizes the sightseeing logistics of an user's travel trip, producing an exact schedule to follow.

Image Compression & Decompression // Mar 2015

- Wrote a low-level program that calculates and stores values of each pixel, with a bit manipulating and shifting interface.

Peace Corps Recipes // Sep 2015 - May 2016

- Created an online recipe database for Peace Corps volunteers with a team of 8 students.