Walton Y. Lee

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121 Bowdoin Street, Medford, MA, 02155

EDUCATION

Tufts University, Class of 2016, Medford MA:

Master's of Science – Computer Science	May 2017
Bachelor's of Science – Computer Science (Engineering)	May 2016

GPA: 3.4, Dean's List, MacJannet Scholarship

Relevant Courses

Computer Graphics, Computer Security, Machine Structure & Assembly-language Programming, Programming Languages, Operating Systems, Algorithms, Computation Theory

WORK EXPERIENCE

IBM – Software Group   June 2016 – August 2016
Data Science Intern
- Built a variety of visualization add-ons to SPSS modeling software using R, projects included a Chinese word-cloud generator and mapping function with geolocation
- Utilized the Watson machine learning suite to build an Advertisement Classifier that categorized banner ad images by primary & secondary products and deal type

Digital Media Academy   June – August 2015
Instructor
- Taught students a variety of software and coding languages, including Java, iOS and Unity
- Guided students in designing and building apps and games for iOS, PC and the Oculus Rift

Tufts University Computer Science Department   January 2016 - Present
Computation Theory Teaching Assistant
- Taught peers various computation models such as finite automata and Turing machines
- Graded and provided feedback on multiple assignments regarding the course's material

PROJECTS

Big Game Hunter - https://biggamehunter.herokuapp.com/
- Event scheduling social network designed for college student to find
- Built Using: Ruby on Rails, Postgresql, Redis

Terraform - https://waltonlee.github.io/Terraform
- Terrain building graphics project with texture mapping and realistic shadows/shading
- Built Using: Javascript, Three.js

ACTIVITIES

Tufts Gaming Hub - Founder
Tufts Hong Kong Student Association – Senior Advisor
Tufts E-Men, Ultimate Frisbee Team

SKILLS

Languages: Cantonese, Mandarin
Software and Coding Languages: C++, C, C#, Java, JavaScript, Ruby on Rails, Python, R, Unity, Git, Swift, Microsoft Office, Adobe Photoshop and Illustrator