

Thomas Lam

<http://thomaslam.rocks>

Github: [thomaslam](#) | LinkedIn: [thomaslam95](#)

tlam18@amherst.edu | 714.364.7984

EDUCATION

AMHERST COLLEGE

B.A. MATH, COMPUTER SCIENCE

GPA: 3.8/4

Expected May 2018 | Amherst, MA

THE LOOMIS CHAFFEE SCHOOL

Grad. June 2014 | Windsor, CT

Programming bootcamps:

MakeSchool | Summer 2014

HackReactor | Summer 2015

SKILLS

PROGRAMMING

Languages

Java • Javascript • Python • R

Go • OCaml • Racket

MATLAB • Octave • SQL

HTML/CSS • Sass

Objective C • C

Libraries/Frameworks

MEAN stack • Selenium •

JUnit

Toolkits/Platforms

Git • Vim • Grunt • Gulp • Linux

LANGUAGES

Vietnamese: native or bilingual proficiency

Japanese: elementary proficiency

Spanish: elementary proficiency

AWARDS &

SCHOLARSHIPS

• Amherst International Student Scholarship

• Cum Laude Society member

• Henry Kravis Scholarship

RELEVANT COURSES

Data Structures I, II • Computer Systems I, II • Compilers • Databases •

Programming Language Paradigms •

Networks & Cryptography • Natural

Language Processing • Machine Learning

WORK EXPERIENCE

AUDIBLE INC.

SOFTWARE DEVELOPMENT INTERN | SUMMER 2016

- Develop a service that creates Audible bot accounts and abuses free trial and gift credit system
- Project used to measure effectiveness of my team's approach to detecting and preventing abusive customer behavior
- Use Java, Selenium, PhantomJS, JUnit and Mockito
- Learn internal build and deployment tools at Amazon/Audible, unit testing, scrum agile development, industry standard software development cycle

TEACHING ASSISTANT

- CS department: Intro to CS II (F15)
- Math department: Abstract Algebra (F16)

PROJECTS

HOTLINEBING | SMS SERVICE FOR QUICK BING SEARCH AND HOTEL RESERVATION

- Back end: NodeJS, MongoDB
- APIs: Microsoft's Bing API, Twilio API, PriceLine API, BrainTree API, HP-HavenOnDemand Entity Extraction API
- Won best hack using PriceLine API, 2nd best hack using HP-HavenOnDemand API at YHack 2015

IMAGELY | IMAGE-BASED LANGUAGE LEARNING WEB APP

- Front end: Angular, Back end: Nodejs, MongoDB
- APIs: Clarify visual recognition API, Yandex Translation API

GOD OF GOLF | PUZZLE/SPORTS BASED IOS GAME

- Design, code and publish an original game to the App Store
- Objective-C, Cocos2D, Spritebuilder

ROCK, PAPER, MYO | IOS GAME USING INPUT FROM MYO ARMBAND

- Integrate Myo API to translate armband gestures into game inputs
- Won best hack using Spritebuilder framework at YCHack 2014

ORGANIZATIONS

AMHERST CS CLUB

EXECUTIVE BOARD MEMBER

- Help with CodeJam initiative bringing together students interested in web or app development
- Lead a workshop on web technology
- Maintain biweekly CS club newsletter