

CHARLES R. MARSH

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EDUCATION

Princeton University, *Computer Science (B.S.E.)*, Princeton, NJ June 2015
GPA: 3.89 (unweighted)
Coursework includes: Data Structures & Algorithms (A+), Independent Research (A) (focused on Software-Defined Networking, included 27-page final report), Artificial Intelligence (A)

The American School in London, *Valedictorian*, London, UK June 2011
GPA: 4.03 (unweighted), SAT I: 2330, SAT II: 800/800/800

WORK EXPERIENCE

Microsoft, *Software Development Intern*, Seattle, WA June-September 2013
Front- (TypeScript, HTML, CSS) and back-end (C#, C++, IntelMKL) development for Bing's Core Relevance Incubation Team, with a focus on novel machine learning techniques.

Facebook, *Market Development*, London, England June-August 2012
Interned with mobile marketing team, pitching to global telecommunications partners.

Toptal, *Head of Community and Content* March 2013-Present
Led development of Toptal Engineering Blog from scratch to hundreds of thousands of unique visits.

Princeton University, *Physics Research Intern*, Princeton, NJ July 2010
Investigated Dark Matter with a focus on purifying argon gas for use in neutrino experiments.

EXTRACURRICULAR

EveryCollegeCal, *Creator* August 2012-Present
Created EveryCollegeCal app, hosted on App Store, which houses the undergraduate calendars of 130+ US colleges. To-date, recorded several hundred downloads.

Quizzler, *Creator (under development)* July 2013-Present
Developed as winning entry into Facebook Seattle's *Summer of Hack* hackathon, Quizzler is an iOS trivia game that uses natural language processing (NLP) to generate its own questions.

Software Development Blog (princeton.edu/~crmarsh/), *Creator* Fall 2012-Present
Created and maintain princeton.edu/~crmarsh/ blog with a focus on current projects and interests.

Hack Princeton iOS Classes, *Assistant Instructor* Fall 2012-Present
Assist with instruction of student-led iOS (iPhone, iPad) programming and app design courses.

University Press Club, *Vice-President* Fall 2011-Present
Led organization of freelance journalists writing for local publications.

TECHNOLOGIES

Professional: Python, OCaml, Objective-C, iOS, JavaScript (+ TypeScript & CoffeeScript)

Proficient: Java, C#, C, HTML, CSS, Git

Knowledgeable: Django, SQL, Heroku, AWS