

Austin J Alexander

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CS TEACHING

BOSTON UNIVERSITY, SUMMER CHALLENGE

INSTRUCTOR, CS SEMINAR
June 2015 | Boston, MA

CS EDUCATION

BOSTON UNIVERSITY, METROPOLITAN COLLEGE

MS, COMPUTER SCIENCE
(UNFINISHED)
Jan 2015–present | Boston, MA

CERTIFICATE, COMPUTER SCIENCE
Jan 2013–Dec 2014 | Boston, MA
(GPA: 4.0 / 4.0)

SELECTED PROJECTS

Pipelined Datapath Simulation (C)
Cache Simulation (C)
Disassembler (C)
Text Mine: A Binary Search Tree (Java)
Eight Queens Puzzle Solver (Java)

COURSES

Analysis of Algorithms • Advanced Java
Programming • Database Management
• Data Structures (Java) • Computer
Architecture • Programming with C++
• Discrete Mathematics • Programming
with Java • Intro to Programming (C++)
• Web App Dev (HTML/CSS/JS/LAMP)

DS EDUCATION

UDACITY

NANODEGREE, DATA ANALYST
(1ST COHORT)
Nov 2014–present

PROJECTS

Quality of Red Wines
(R, ggplot2, dplyr, ...)
Wrangling Boston OpenStreetMap Data
(Python, MongoDB)
Analyzing the NYC Subway Dataset
(Python Scientific Computing Stack,
StatsModels)

COURSES

Intro to Machine Learning • Data Analysis
with R • Data Wrangling with MongoDB
• Intro to Data Science

TECHNOLOGY EXPERIENCE

NICEWRK, LLC | OWNER

Feb 2015–present | Brighton, MA

Activities: Develop software applications and provide technology-related
consultation

Projects: Boston Roulette

Technologies: XML, OpenStreetMap, HTML, CSS, Jekyll, JavaScript, JSON,
Python Scientific Computing Stack, Git, Node.js, Express, Handlebars, Google
Maps Embed API, MongoDB, MongoLab, Heroku, AWS

ECE DEPT, BOSTON UNIVERSITY | ACADEMIC PROGRAMS MANAGER

Oct 2012–June 2015 | Boston, MA

Activities: Design and develop software solutions for administrative
procedures and data-wrangling/analysis applications

Selected Projects: EZapp (admissions software), ECE Student Tracker, ECE
Course Evals, ECE Scheduler

Technologies: HTML, CSS/Sass/Bootstrap, JavaScript/jQuery/DataTables,
WordPress, Adobe CS, Ruby on Rails, SQLite, MySQL, Apache, BU Linux
(CentOS/Red Hat Enterprise Linux), Python Scientific Computing Stack, Git

ARCH DEPT, BOSTON UNIVERSITY | PROTOTYPE DEV/CONSULTANT

Oct 2011–Feb 2012 | Boston, MA

Activities: Built a Levantine ceramics web application prototype under
research funds awarded to Prof Andrea M. Berlin and provided general
technology consultation

Project: Levantine Ceramics Project Prototype

Technologies: HTML, XML, CSS, JavaScript, jQuery, PHP, MySQL, Apache

CHARACTER VOICES, INC | WEB CONTENT MANAGER/DEVELOPER

Apr 2008–June 2010 | Boston, MA

Activities: Managed all web content, created personalized business websites
for clients, and provided customer support

Selected Project: VoiceOverDirectoy.com

Technologies: HTML, CSS, JavaScript, jQuery, PHP, WordPress, Adobe CS

CURRENT BITS

INTERESTS

Artificial Intelligence • Data Science • Optimization • Software Engineering
• Web/Mobile Application Development • Math!

FAVORITE TOOLS

Python Scientific Computing Stack • Ruby on Rails • Git • \LaTeX

LINKS

Github:// [austinjalexander](#) • LinkedIn:// [austinjalexander](#) (has the longer story)