

Matthew Vaughan

Software engineer

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EXPERIENCE

Independent Contractor

Focus EduVation 10/2018 - 07/2019 Woburn, MA

Offers a portfolio of services to enable online learning for businesses and universities

- Provided assessment materials, derived from lectures, for online courses educating students of information technology and/or data science.

Associate Member of Technical Staff (Software Engineer II)

Salesforce (by aquisition of Demandware) 10/2015 - 11/2016
Burlington, MA

Fifty billion dollar world leader in CRM with an inclusive corporate culture

- Secured vulnerable systems in widely used enterprise software across four releases with zero downtime
- Implemented new features for a world class SaaS e-commerce product with thousands of enterprise clients and users in the hundred of millions
- Worked on a diverse team utilizing Agile methodology

Research Assistant

Tufts University 01/2015 - 05/2016 Medford, MA

Selective "right sized" university in Medford, Massachusetts

- Designed declarative portion of a nano-pass compiler in SML for use in a compilers course
- Implemented a byte code executing virtual machine with parallel and concurrent garbage collection in C
- Targeted C, LLVM, and x86_64 ASM as output languages for compilers

Software Engineer

International Business Machine (IBM) 01/2014 - 01/2015 Littleton, MA

Monolithic computer company with a hundred year history and product offering across the spectrum that also engages in basic research

- Implemented and tested user interfaces for top tier enterprise order management software

PROJECTS

Custom voicemail and appointment scheduler

02/2019 - 04/2019 <https://thenshow.me/softphone>

Created a voice mail and appointment scheduler

- Utilizes Twilio, Google Calendar APIs, and Nodejs
- Appointment times and dates spoken by the user and added to my google calendar
- Give it a try, the direct number is (888) 200 - 1601

EDUCATION

B.S. Computer Science

University of Massachusetts - Lowell

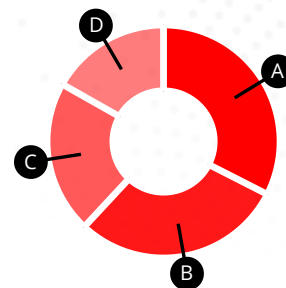
2010 - 2013 GPA 3.9 / 4.0

Ph.D. (Incomplete)

Tufts University

2015 - 2016 GPA 3.7 / 4.0

WORK LIFE BALANCE



- A Career and Legacy (Work & Projects)
- B Daunting Human Requirement (Sleeping)
- C Skills & Fitness (Gym, Guitar, Language)
- D Leisure (Friends, Family, Community, Self)

LANGUAGES

C	● ● ● ● ● ●
Java	● ● ● ● ● ●
C++	● ● ● ● ● ●
Scheme	● ● ● ● ● ●
JavaScript	● ● ● ● ● ●
Scala	● ● ● ● ● ●
SQL	● ● ● ● ● ●
Python	● ● ● ● ● ●
SML	● ● ● ● ● ●
Haskell	● ● ● ● ● ●
Prolog	● ● ● ● ● ●
R	● ● ● ● ● ●