

## Employment

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<b>Web Experience Engineer</b>	<b>Akamai Technologies</b>	<b>May 2019 – Present</b>
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Identity Cloud

- Jumped into the recent acquisition of Janrain and their social login platform.
- Wielding Javascript & ruby tools to help debug highly customized implementations.
- Providing feedback & documentation for new team members and customers.

<b>Web Experience Engineer,</b>	<b>Akamai Technologies</b>	<b>January 2018 – December 2018</b>
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**Co-Op**

- Promoted to Lead Student Ambassador in Fall 2004; supervised 10 – 15 Student Ambassadors.
- Created and taught Computer Science course, CSE 099: Software Design and Development.

<b>Head Teaching Assistant</b>	<b>University of Pennsylvania</b>	<b>Fall 2001 – Spring 2005</b>
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- Courses: Advanced Java III, Software Engineering, Mathematical Foundations of Computer Science I & II.
- Promoted to Head TA in Fall 2004; led weekly meetings and supervised four other TAs.

<b>Software Design Engineer, Intern</b>	<b>Microsoft Corporation</b>	<b>Summers 2001 – 2003</b>
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Visual Studio Core (Summer 2003)

- Implemented a user interface for the VS open file switcher (ctrl-tab) and extended it to tool windows.
- Created service to provide gradient across VS and VS add-ins. Optimized service via caching.

Programmer Productivity Research Center (Summers 2001, 2002)

- Built app to compute similarity of all methods in a code base; reduced time from  $O(n^2)$  to  $O(n \log n)$ .
- Created test case generation tool which creates random XML docs from XML Schema.

## Education

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<b>Cambridge, MA</b>	<b>Harvard University</b>	<b>Summer 2019 – May 2021</b>
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- M.L.A. in Software Engineering, May 2005. GPA: 3.85
- Graduate Coursework: Deep Learning for Natural Language Processing; Intro to Bayesian Inference; Web Applications w/ Python & JS; Cloud Computing

<b>Boston, MA</b>	<b>Wentworth Institute of Technology</b>	<b>Fall 2015 – April 2019</b>
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- B.S. in Computer Science, April 2019. GPA: 3.5
- Undergraduate Coursework: Operating Systems; Databases; Data Structures; Algorithms; Programming Languages; Parallel Computing; Data Science; Calculus II; Linear Algebra & Matrix Theory

## Technical Experience

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### Projects

- **eBay Price Predictor** (2019). Website built with Django backend and eBay's API, utilizes parallel requests to speed up delivery of price data. HTML, CSS, Python
- **Predicting Hospital Readmission using DL-NLP** (2019). Based on Diabetes patients data over 10 years, created a model using TensorFlow to process their chances for readmission. Python, TensorFlow, Jupyter Notebook
- **Conference Coordinator** (2019). Worked in a team of 13 to put together a web-app based on monitoring attendance & engagement at a coding conference. HTML, Typescript, Go, Docker
- **"Stale" iOS App** (2018). iPhone app to help users get suggestions on what to wear based on frequency vector of style attributes. Swift, Python, scikit-learn

### Additional Experience and Awards

- **Instructor (2003 – 2005):** Taught two full-credit Computer Science courses; average ratings of 4.8 out of 5.0.

- **Third Prize, Senior Design Projects:** Awarded 3rd prize for Synchronized Calendar project, out of 100 projects.

#### **Languages and Technologies**

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- C++; C; Java; Objective-C; C#.NET; SQL; JavaScript; XSLT; XML (XSD) Schema
- Visual Studio; Microsoft SQL Server; Eclipse; XCode; Interface Builder