

Brian Roth

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brianeroth.com

EDUCATION

Northeastern University, Boston, MA Sept. 2014 - Present

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science (expected Spring 2018)

Relevant Courses: Database Design, Object-Oriented Design, Algorithms & Data, Computer Systems, Logic & Computation, Discrete Structures, Calculus, Human-Computer Interaction, Programming Languages

Honors: **GPA: 3.6/4.0**, Dean's List

Activities: Greece Study Abroad Program, Finance & Investment Club, NU Hacks, N.U.in Alumni Ambassador, CCIS P2P Network Mentor, Orientation Volunteer, Senior developer in student-led design firm

Advanced Math & Science Academy Charter School, Marlborough, MA Sept. 2007 - June 2014

Honors: **GPA: 4.21/4.0**, Honors List, Eagle Award for student leadership

Activities: National Honor Society (President), Yearbook (Co-Editor), Drama Club (Sound Operator), Habitat for Humanity, Safety First for Young Women (Co-Founder)

COMPUTER KNOWLEDGE

Languages: HTML, CSS/Sass, JavaScript, jQuery, AngularJS, Node.js, Elm, PHP, Java, MySQL/Postgres, Ruby/Rails, Lisp/Scheme, (Racket), C, C++

Tools: Eclipse, IntelliJ, Visual Studio, Adobe Creative Suite, Git

Other: Search engine optimization/marketing, WordPress

EXPERIENCE

PlacePass, Cambridge, MA Jan. 2017 - Present

Lead UI Engineer

- Directed and implemented front-end platform architecture utilizing Elm and Ruby on Rails engine with performance and modularity in mind (25,000 transactions per minute)
- Led UI team of 8 external and 2 internal engineers
- Championed Agile/Scrum workflow by leading sprint planning and retrospectives

Tank Design, Boston, MA Jan. - June 2016

Developer

- Created HTML buildkits and CMS websites for clients such as FedEx, Citizens Bank, and Genzyme
- Analyzed client websites for technical debt and presented/programmed suggestions for improvement
- Implemented internal security monitoring tool in PHP, MySQL, and AngularJS

Web Developer, Boston, MA Aug. 2009 - Present

Freelancer

- Launched technology news website using WordPress that reached 50,000 monthly page views
- Developing new websites for clients that include both local companies and a Boston-area hospital
- Maximized social media outreach for local businesses by identifying new marketing strategies

INTERESTS

Technology news, nature & city photography, traveling, baseball, basketball, alternative hip hop, rock climbing

References available upon request