Madeleine Golison

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Experience

Software Development Engineer   **Adobe, Inc., San Jose, CA, August 2018—Current**

Photoshop team engineer, developing new features, updates to Presets functionality and organization

Initiated creating and leading a young women's engineering, modern c++ study group

Created a new hire group to assist new employees at Adobe meet colleagues from different areas of the business

System Architect   **Pegasystems, Cambridge, MA, April 2017—July 2018**

- Developing high quality deliverables across all project phases in the Pega 7 Platform
- Work as part of a project team to ensure that the business and technical architecture of the delivered solution reflects the client requirements
- Developed the mobile application for the 2020 U.S. Census as a part of an omni-channel solution

Associate System Architect   **Pegasystems, Cambridge, MA, April 2017—July 2018**

- Junior developer, passed senior certification within two months of onboarding

Curriculum Specialist/Independent Contractor   **Ozobot Inc. Redondo Beach, CA, November 2016—December 2017**

- Working with the EDU team to build an education experience for the Ozobot robot and demo at conferences
- Developing lessons/activities focusing on teaching core computer science concepts through programming in the OzoBlockly language (based off of Google Blockly)

Undergraduate Teaching Assistant   **Tufts University, Medford, MA — Fall 2015-Spring 2016**

- TA for "Introduction to Computer Science" (conducted in C++)
- Taught lab sections/office hours/supplementary workshops and graded homework assignments

Undergraduate Research Assistant   **Center for Engineering Education and Outreach, Medford, MA — Spring 2016**

- Documentation Application: designed and constructed a high fidelity prototype for a potential iOS app that would assist teachers and researchers in documenting students' work (mostly for STEM projects).

Teaching Assistant   **Johns Hopkins CTY, Los Angeles, CA — Summer 2015**

- TA for "Fundamentals of Computer Science": introductory course for gifted and talented students ages 12-14.

Skills

Programming: C++, Java, JavaScript, Python, HTML, CSS, SQL, Git

Languages: Elementary proficiency in Spanish and Italian

Education

Tufts University   **Medford, MA, September 2012 — February 2016**

- Bachelor of Science in Computer Science
- GPA: 3.69, Magna Cum Laude

Spring 2016 HBX | Harvard Business School   **January 2016 — April 2016**

- CORe: Credential of Readiness, Pass
- Courses: Financial Accounting, Business Analytics and Economics for Managers

Activities & Volunteer Work

Scholarship Application Reviewer   **Grace Hopper Conference—March 2019—Current**

- Selected to review applications for scholarships for undergraduate and graduate engineering students to attend the Grace Hopper Conference in September of 2019

Club Facilitator   **Girls Who Code—November 2016—Current**

- Lead facilitator for a GWC club, teaching programming to girls in middle school and high school

Tufts University Alumni Interviewer   **September 2017--Current**

- Interviewed Tufts undergraduate applicants for admission

Varsity Swim Team   **Tufts University — Fall 2012—Spring 2016**

- NESCAC Finalist (2013, 2014, 2015, 2016), NESCAC All Academic Team (2013, 2014, 2015, 2016)