

KATHRYN DiPIPPO

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SUMMARY

Software developer specializing in full-stack development with a passion for efficient data structures and front-end design and implementation. Experienced in object-oriented programming and agile methodologies. Enthusiastic, dependable team player with strong project management and communication skills.

SKILLS

Languages: Java, Python, Python, SQL, JavaScript, CSS, HTML, PHP, XML, C++

Technologies/Frameworks: Git, Atlassian, Slack, Postman, Bootstrap, jQuery, Materialize, Sketch, Photoshop

EXPERIENCE

Web and Mobile Applications Developer: *Unbound Commerce - Newton, MA* *June 2017 - Present*

- Develop and maintain mobile e-commerce sites, most notably for Ashley Furniture and Restaurant Equippers
- Develop Android applications for e-commerce clients utilizing both native checkout
- Implementing and desktop site checkout proxying, most notably for Hudson Technologies

Consultant Intern: *Tallan - Boston, MA* *May 2016 - August 2016*

- Designed and implemented application customization feature in Virtual Tour internal program used by various clients, including the Massachusetts Legislature and Delaware Legislature
- Assisted in refactoring the video SQL database at the Massachusetts State House

Computer Science 1 Mentor: *Rensselaer Polytechnic Institute - Troy, NY* *August 2015 - May 2017*

- Assisted Computer Science 1 students during lab & office hour periods for four semesters

REU Intern: *MIRTHE Center - Princeton, MA* *Summer 2014 and 2015*

- Participated on a research team to develop a device that measures a user's blood glucose levels using mid-infrared lasers
- 2014: implemented a MatLab GUI to be used by research students for further system testing
- 2015: refactored the GUI in Python to be used by patients at diabetic facilities for clinical trials
- Both experiences concluded with presenting a project abstract and poster at a week-long MIRTHE workshop

PROJECTS

Adoptapedia: *HTML, CSS, PHP, SQL, JavaScript - <http://adoptapedia.com/>* *February 2013 - Present*

- Created a website that serves as a widely used online resource for character designers and artists
- Developed cronjobs to update the group directory listing page daily

Sushi Dogs: *HTML, CSS, JavaScript - <http://www.kathryndipippo.com/SushiDogs/>* *April 2017 - March 2018*

- Designed and implemented tools for a niche character trading community, aimed at creating an easy-to-modify site with no programming experience needed
- Worked within the boundaries of maintaining complex databases without server-side capabilities through the use of a GitHub-hosted server and Google Spreadsheets

EDUCATION

Rensselaer Polytechnic Institute
B.S. Computer Science, Minor in Studio Arts

Aug 2013 - May 2017