# KATHRYN DiPIPPO

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Software developer specializing in full-stack development with a passion for intuitive design and optimization. Experienced in object-oriented programming and agile methodologies. Enthusiastic, dependable team player with strong project management and communication skills.

## SKILLS

**Languages:** PHP, MySQL, Java, Python, JavaScript, CSS, HTML, C++
**Technologies/Frameworks:** Git, Atlassian, Slack, Postman, Bootstrap, jQuery, Materialize, Sketch, Photoshop, Microsoft Office product suite, Google Drive product suite, Gmail

## EXPERIENCE

**Web and Mobile Applications Developer:** *Unbound Commerce - Newton, MA*     *40 hr/week; June 2017 - Present*
- Develop Android applications for e-commerce clients utilizing both native checkout, most notably for Revel Nail, ProStockHockey, and Hudson Technologies
- Develop and maintain mobile e-commerce sites, most notably for Ashley Furniture and Restaurant Equippers
- Designed UX/UI using Sketch and Invision, most notably for ProStockHockey, WorkBoots USA, Luxmart.co
- Transformed static mocks into HTML/CSS/JS with intuitive animation flows

**Consultant Intern:** *Tallan - Boston, MA*     *55 hr/week; 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 "videos and special events" SQL database at the Massachusetts State House

**Computer Science 1 Mentor:** *Rensselaer Polytechnic Institute  - Troy, NY*     *6 hr/week; August 2015 - May 2017*
- Assisted Computer Science 1 students during lab & office hour periods for four semesters

**REU Intern:** *MIRTHE Center  - Princeton, MA*     *30 hr/week; 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
- Presented project at the concluding week-long MIRTHE conference

## PROJECTS

**Jabberwock-Isle:** *https://jabberwock-isle.com/*     *July 2018 - Present*
- Designed and implemented an inventory tracker and trading center after seeing members struggle with maintaining and posting their own lists
- Tested for both desktop and mobile applications; created daily cronjob to automate daily updates

**Adoptapedia:** *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

**Oofoos:** *https://adoptapedia.com/oofoos/*     *March 2018 - Present*
- Virtual Pet Site home to tiny creatures known as Oofoos
- Games on the site combine JavaScript and PHP capabilities to make for a seamless user experience

## EDUCATION

Rensselaer Polytechnic Institute                                                     Aug 2013 - May 2017
B.S. Computer Science, Minor in Studio Arts