

Kathryn R. DiPippo

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<https://kathryndipippo.com> || <https://github.com/Pepper-Wood>

Education

Rensselaer Polytechnic Institute, 2013-2017
BS: Computer Science
Minor: Studio Arts

Technical Skills

Front-End Development

HTML5, CSS3, JavaScript, JQuery, JQueryUI, TaffyDB, Tabletop.js

Languages

Python, Java, C++, ASP.NET

Databases

MySQL, PostgreSQL

Frameworks

Bootstrap, Materialize

Methodology

MVC, OOP, Agile Methodologies, Android

Prototype/Wireframe

Sketch

Version Control

Git, GitHub, BitBucket

Design

Photoshop, PaintToolSAI, Gimp, FireAlpaca

Other Experience

Computer Science 1

Mentor

Aug'15-May'17

Calculus 1 Mentor

, Fall'14

Genericon Artist Alley

Coordinator, RPI Anime Convention,

Aug'14-Sept'17

Arda Social Chair

, RPI

Themed Housing Community, Aug'15-Oct'16

Princeton Public Library

Book Shelver, 2006-2012

Princeton St. Paul's

Church, Handbell Choir, Altar Server, Youth Group, 2002-2013

Summary

Software developer specializing in full-stack development with a passion for front-end application design and implementation. Enthusiastic, dependable team player dedicated to streamlining processes. Strong project management and client communication skills.

Work Experience

May'17-Present, Web and Mobile Applications Developer, Unbound

Commerce, May 2017 to Present, *Unbound Commerce builds tools to establish a mobile presence through mobile sites and apps for Yahoo Small Business merchants and Fortune 500 companies.*

- Full-stack development and maintenance on mobile sites, most notably for Ashley Furniture and Restaurant Equippers
- Full-stack Android App development

May'16-Aug'16, Tallan Summer Software Consultant Internship, Summer 2016, Boston, MA, Tallan provides technology and business process consulting services to enterprise and mid-sized companies

- Designed and implemented a layout customization feature in virtual building tour application, to be deployed to Massachusetts and Delaware Legislatures
- Maintained the Sessions database at the Massachusetts State House

Summer'14,'15, Mid-InfraRed Technologies for Health and the Environment (MIRTHE) Internship, Intern at Professor Claire Gmachl's laboratory at Princeton University for MIRTHE, NSF Engineering Research Center

- **Summer 2014:** Designed and Implemented Graphical User Interface (GUI) and performed statistical analyses using MatLab; Presented abstract and poster "*Internal Mobilization of in vivo Glucose Sensing System*"
- **Summer 2015:** Reimplemented similar GUI in Python to be used at clinical trials in diabetic facilities; presented abstract and poster "*Python and GUI Implementation for Internal Optimization and Increased Usability of in vivo Glucose Sensing System*"

Projects

Adoptapedia (HTML, CSS, PHP, MySQL, JavaScript), Designed and implemented a website that serves as a widely used online resource for character designers and artists. Consists of a HTML/CSS/JavaScript Model, PHP View, and MySQL database Controller. View at <http://adoptapedia.com/>.

SooshARPG (HTML, CSS, JavaScript), Designed and implemented an online stat tracker for an online Art Role-Playing Game (ARPG). Combines the ease of editing Google Spreadsheets with a webpage using JavaScript libraries for easy customization, with a pseudo-password-secure admin page. View at <http://kathryndipippo.com/SooshARPG/> or <http://kathryndipippo.com/SooshARPG2/>

Awards and Recognition

Genericon Cover Art Contest Winner (2014, 2016, 2017); Code for Princeton Hackathon, 3rd Place; Dean's List (2013); Rensselaer Leadership Award (2013-2017); Rensselaer RE:Design Scholarship Competition Winner (2013)