MELANIE JANE PASCUAL

✉ melaniejane.pascual@gmail.com
📞 (510) 875 - 0066
in melaniejanepascual
⌂ melaniejanepascual

SKILLS

INTERMEDIATE: JavaScript, AngularJS, HTML, CSS, BootStrap, Java, Swift, R
EXPLORING: C, React, NodeJS, Sass, Vue.js, Ruby on Rails

LEADERSHIP

PARTNERED ON COMPUTER SCIENCE OUTREACH INITIATIVES:
- #ILookLikeAnEngineer
- Made With Code
- Stanford She++ #include
- Girls Make Games

ACTIVE MEMBER OF:
- NCWIT AiC
- Girls Who Code
- ABI Systers

COLLEGE EXTRACURRICULARS:
- Women in CS Club - president & career director
- Women's Rugby Team - rookie captain & match secretary
- She++ College Ambassador

AWARDS

NCWIT AiC Runner Up & Bay Area Winner

Qualcomm Hack for Impact Winner

BOLD Women Leader Scholar

Google WomenTechmakers Scholar

PROGRAMS

HACKGT 2015 & 2016

QUALCOMM WOMEN'S COLLEGIATE CONFERENCE 2016

HACKMIT 2016

PALO ALTO NETWORKS CAPTURE THE FLAG COMPETITION 2017

TARGET DIVERSITY LEADERSHIP SYMPOSIUM 2017

TWITTER #DEVELOPER PROGRAM 2017

GOLDMAN SACHS WOMEN LEADERSHIP CAMP 2017

SQUARE CODE CAMP 8

EDUCATION

Middlebury College // B.A. Computer Science & Psychology // 2019
Related Coursework: Data Structures, Discrete Math, Computer Architecture, Data Science, Theory of Computation, Biometrics, Psychology Statistics, Cognitive Psychology, iOS 10 & Swift 3 Development, Web Development
GPA: 3.1/4.0

WORK EXPERIENCE

CODEACADEMY
Advisor   **Jan 2018 to Present**
- support Codecademy Pro clients with one on one online chat sessions on the following programming languages/frameworks: AngularJS, HTML/CSS, Java, Git, Sass, R

DOT LABORATORIES
Full Stack Engineer & Product Manager Intern   **Jun 2017 to Present**
- Collaborated with software engineers and designers to execute and ship the full stack development of the website (BootStrap, SASS, Ruby, Rails, HTML/CSS, React, JavaScript)
- Managed recruiting logistics to help the company grow by selecting and scheduling interviews with top candidates
- Assisted with user experience design by developing product specs and user flows for the website, specifically the physician and patient portals (Sketch, Zeplin)
- supported launch of product by working on CLIA and pharmaceutical collaboration agreements, press releases, and the investor deck, which helped raise $4 million in funding

U.S. DEPARTMENT OF VETERANS AFFAIRS
Mobile Application Volunteer Intern   **Sep 2016 to Dec 2016**
- Created wireframes and design prototypes to improve the user interface of the application, Family Coach, which is used by ~10,000 veterans and friends/families of veterans
- Debugged iOS & Android application, PTSD Coach, to improve user experience (Java, Swift)
- Researched and performed background analysis on veterans to create a product adjusted to various needs

BANK OF AMERICA
User Experience & User Interface Intern   **Jun 2016 to Aug 2016**
- Program-paired on Work Surface/Operations Workbench application using agile software development (JavaScript, AngularJS)
- Designed & developed form input directives for the developers user interface toolkit (AngularJS, HTML5/CSS3, Bootstrap, LESS)
- Researched & analyzed ways to enhance user experience accessibility and usability by conducting a contextual inquiry

MIDDSTEAM
Founder   **Sep 2015 to Apr 2016**
- Collaborated with over 25 Middlebury College professors, students, and community members to host 15 STEM+Art workshops for 15 middle school girls

PROJECTS

MASS SHOOTINGS & GUN VIOLENCE IN THE UNITED STATES
For our data science final project, my partner and I created a shiny web application that analyzed data on mass shootings and gun violence events to understand potential causes and implications (R)

QUIKPAK
Mobile application that allows user to set different packing lists based on the type of event and provides more information about destination based on personal notes and general information (Swift)

JUSTMENU
Web application with an integrated menu API that allows users to look up menus for nearby food places, SlashHack project (MeanJS, AngularJS, HTML/CSS, JavaScript, NodeJS)

MASKING CAT
Universal application that allows women in domestic abuse situations to request help inconspicuously way using SMS, ChimeHack2 project (Twilio API, HTML/CSS, Bootstrap, Javascript)

CUPET
Website where potential pet owners can search for adoptable pets that best match their personality, rather than physical looks, Girls Who Code solo project (jQuery, Javascript, HTML/CSS)