

MELANIE JANE PASCUAL

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in melaniejanepascual

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EDUCATION

Middlebury College

B.A. Computer Science & Psychology 2019

Related Coursework: Data Structures, Discrete Math, Responsive Web Design, Educational Psychology, Social Psychology, Adolescent Psychology
Activities: Women in CS Club, Women's Rugby Team, MALT Trip: Permaculture in Puerto Rico

SKILLS

PROFICIENT: JavaScript, AngularJS, HTML, CSS, BootStrap, Java

EXPLORING: Swift, NodeJS, Python

AWARDS

NCWIT AiC Runner Up & Bay Area Winner 2013

Qualcomm Hack for Impact Winner 2016

Google GHC Travel Scholar 2015

Emerging Extraordinary Leader 2016

OUTREACH

PARTNERED ON COMPUTER SCIENCE INITIATIVES:

- #ILookLikeAnEngineer
- Made With Code
- She++ #include

ACTIVE MEMBER OF:

- NCWIT AiC community
- Girls Who Code
- ABI Systers
- Ladies Storm Hackathons

WORK EXPERIENCE

U.S. DEPARTMENT OF VETERANS AFFAIRS

Mobile Apps Intern

Sep 2016 to Present

- Created wireframes and designed prototypes to improve the user interface of applications
- Programmed iOS & Android mobile applications for veterans (Java, Swift)

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)
- Researched & analyzed ways to enhance user experience accessibility and usability by conducting a contextual inquiry
- Designed & developed form input directives for the developers user interface toolkit (AngularJS, HTML5/CSS3, Bootstrap, LESS)

MIDDSTEAM

Founder

Sep 2015 to May 2016

- Collaborated with middlebury college professors, students, and community members to host workshops from science, technology, engineering, arts, and math for middle school girls

PROJECTS

KASPERSKY TALENT LAB RESEARCH PROJECT

Research paper on the study of children's behavior on social network. This project is part of the Kaspersky Talent Lab Academy initiative for cybersecurity

MEOW CAT

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

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)

CUPET

Website where future 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)