

Melanie Jane Pascual

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Education

Middlebury College, Middlebury, Vermont - May 2019

GPA: 3.2/4.0

Bachelor of Arts: Computer Science & Psychology, 10 academic scholarships

Coursework: Data Structures, Discrete Math, Educational Psych, Social Psych, Adolescent Psych

Activities: Women in CS Club, Women's Rugby Team, MALT Trip: Permaculture in Puerto Rico

Work Experiences

Office of Veteran Affairs, Remote

2016-2017 School Year

Mobile Applications Intern

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

Bank of America, New York, NY

Summer 2016

User Experience & User Interface Intern

- 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)

Flatiron School, San Francisco, CA

Summer 2015

Summer Program Assistant

- Co-taught 25 students a web development course (Javascript, jQuery, HTML/CSS, Bootstrap) and a software engineering full-stack course (Ruby, Rails, Sinatra)

MIDDSTEAM, Middlebury, VT

2015-2016 School Year

Founder

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

Leadership & Community Outreach

- Partnered with the following organizations on different computer science initiatives: #ILookLikeAnEngineer, Made With Code, She++ #include, and Girls Who Code

Side Projects

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)

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)

Awards & Recognitions

NCWIT AiC Runner up (2014)

Google GHC travel scholar (2015)

Qualcomm Hack for Impact Winner (2016)

Emerging Extraordinary Leader (2016)