Melina Delgado

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EDUCATION

Bachelor of Science in Computer Science, *Bachelor of Arts* in Economics
Yale University, New Haven, CT
Expected May 2019
Courses: CS323 *Systems Programming & Computer Organization*, CS223 *Data Structures & Algorithms*
GPA 3.4

SKILLS

C, C++, Ruby, Ruby on Rails, Java, Git, HTML, CSS

EXPERIENCE

Student Developer & Mentorship Program *Project Manager* 2016-present
Manage the *Vesta* application servicing the Yale housing lottery and room draw.
yale.githost.io/sdmp/rails/vesta

- Build RESTful apps in Ruby on Rails with Object-Oriented Design
- Write Rspec unit tests for code paths and provide code review using TDD techniques
- Develop with a 14-person team using agile and full-stack development techniques

Yale University *CS 201 Undergraduate Teaching Assistant* 2017-present
Lead office hours to facilitate student learning in CS201, a 100+ person computer science lecture which deals with recursion strategies.

Yale College Dean's Office *First-year Scholars at Yale Counselor* Summer 2017
Advised 60 incoming low-income, first-generation students. Hosted seminars by Yale professors and organized first-generation alumni events.

Online Experiences for Yale Scholars *Math Tutor and Mentor* 2016-2017
Developed lesson plans for weekly math and economics lectures for a 5-6 person class of incoming Yale students.

ACTIVITIES

Volunteer Income Tax Assistance *Co-President, Adv. Tax Preparer* 2016-present
Consult low-income, elderly, limited English-speaking, and disabled taxpayers for income tax return preparation.

- Serviced 1,374 taxpayers and managed a team of 55+ volunteers
- Cumulatively earned taxpayers around $1.6 million
- Cumulatively saved taxpayers around $200,000 in tax preparation fees

Yale Concert Band *General Manager, Social Chair, Percussionist* 2015-present
Manage social events, tours, rehearsals, and instruments for a band of 50 members.

Yale Precision Marching Band *Social Chair, Percussionist* 2015-present
Organize social events for a 120-person band, so that "the band gets fed" and "the band always wins!"

FloatYale 2016-present
Engage with yale professors and host workshops to support gender minorities in CS.

Yale Computer Society *Event Director* 2016-2017
Co-founded the Yale Computer Society, organized CEO tech talks and career events.