

Melina Delgado

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EDUCATION

Bachelor of Science in Computer Science

Yale University, New Haven, CT

Expected May 2019

Courses: CS323 *Systems Programming & Computer Organization*, CS223 *Data Structures & Algorithms*, CS427 *Object-Oriented Programming*, CS365 *Algorithms*, CS472 *Intelligent Robotics*

GPA 3.4

SKILLS

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

EXPERIENCE

Cisco Systems, Inc. *Security Solutions Engineering Intern*

Summer 2018

Explore a career in cyber security. Immerse in special projects and gain exposure to security initiatives throughout Cisco.

Student Developer & Mentorship Program *Project Manager*

2016-present

Manage the *Vesta* application servicing the Yale housing lottery and room draw.

<https://gitlab.com/yale-sdmp/vesta>

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

Yale University *Undergraduate Learning Assistant*

2017-present

Lead office hours to facilitate student learning in CS223, Data Structures & Algorithms and CS201, Introductory CS, each of which are 100-200 person lectures in the CS core curriculum at Yale.

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 applied math 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 University Bands *General Manager, Social Chair, Percussionist*

2015-present

Manage social events, tours, rehearsals, and instruments for a 100+ member band.

Yale Computer Society *Event Director*

2016-2017

Co-founded the Yale Computer Society, organized CEO tech talks and career events.