

Melina Delgado

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EDUCATION	<p><i>Bachelor of Science</i> in Computer Science, <i>Bachelor of Arts</i> in Economics Yale University, New Haven, CT <i>Expected May 2019</i> Courses: CS323 <i>Systems Programming & Computer Organization</i>, CS223 <i>Data Structures & Algorithms</i> GPA 3.4</p>
SKILLS	<p>C, C++, Ruby, Ruby on Rails, MongoDB, Sinatra, Java, Python, Git, HTML, CSS</p>
EXPERIENCE	<p>Cisco Systems Security Solutions Software Engineering Intern Summer 2018 Improve Vulnerability Management by developing project <i>Corona</i>, a solution to the 2017 Equifax breach. Engineer <i>Corona</i> to scan Cisco products for third-party software (TPS) to quickly notify engineers of relevant National Vulnerability Database updates.</p> <ul style="list-style-type: none">• Backend developer on a 20-person team practicing Kanban agile development• Build <i>Corona</i> on Rails with a Cassandra database and Rspec testing suite• Reduce the number of Versionless Components, or TPS components in products which do not have a version, to efficiently notify engineers• Identify component versions by using AppCheck and Protecode, developing a Sinatra app with MongoDB to extract National Software Reference Library data, and referencing historical Cisco IP Central data <p>Student Developer & Mentorship Program Project Manager 2016-present Manage the <i>Vesta</i> application servicing the Yale housing lottery and room draw. https://gitlab.com/yale-sdmp/vesta</p> <ul style="list-style-type: none">• Build apps in Ruby on Rails• Write Rspec unit tests using TDD techniques and provide code review• Develop with a 14-person team using agile <p>Yale University CS 201, CS 223 Undergraduate Teaching Assistant 2017-present Lead office hours to facilitate student learning in CS 201 and 223, 100+ person computer science lectures on introductory CS and data structures and algorithms, respectively.</p> <p>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</p>
ACTIVITIES	<p>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.</p> <ul style="list-style-type: none">• 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 <p>Yale University Bands General Manager, Social Chair, Percussionist 2015-present Manage social events, tours, rehearsals, and instruments for an organization of 120+ members.</p>