

# Jillian PESCE

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## EDUCATION

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- MAY 2021 **University of Pennsylvania**, Philadelphia  
Candidate for BAS in COMPUTER SCIENCE and Minor in CREATIVE WRITING  
CUMULATIVE GPA: 3.89
- JUNE 2017 **Smithtown High School East**, Smithtown, NY

## WORK EXPERIENCE

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- JUNE-AUG 2020 | **BlackRock**  
SOFTWARE ENGINEERING INTERN
  - Created an internal valuations comparison tool with an efficient back-end server using Merkle Trees as well as a front-end client using Angular.
  - Engaged in agile process framework and participated in daily scrums on the Aladdin Product Group Accounting Team.
- Current*  
SEPT 2018 | **University of Pennsylvania**  
TEACHER'S ASSISTANT for Introduction to Computer Programming
  - Teach 2-hour weekly recitation; give presentation and solve example problems for class of 20 students.
  - Hold office hours twice weekly; debug in Java, give homework and test assistance.
  - Grade homework and tests; sort through and understand submitted code, give constructive feedback.
- JUNE-AUG 2019 | **Softheon**  
SOFTWARE ENGINEERING INTERN
  - Built an internal portal that allows users to drag and drop components to create customized invoices, reports, and documents to send to clients.

## PROJECTS

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### Coronavirus Database Web App:

Created a web app to allow data visualization of customizable queries on coronavirus and other causes of death databases.

### Campus Tutoring App & Website:

Built a tutoring product that allows flexible appointment booking progress tracking/visualization.

## LEADERSHIP AND SERVICE EXPERIENCE

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### The Percentage Project Inc. Outreach Associate

Recruit Campus Directors to bring an artistic, visual outlet for data collected from an anonymous census of Computer Science students to their universities.

### Penn's Women in Computer Science (Director of Advocacy)

Conduct surveys, launch social media campaigns, and aim to spread awareness about diversity in computing.

### Chi Omega Fraternity

Organize monthly events for 200 women, promote community among members.

### Penn Women's Club Volleyball

Manage and design team product orders, plan team bonding events.

## SKILLS

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Java, Python, SQL, Javascript, C, C#, MongoDB, Neo4j, Android, Writing, Coaching, Juggling