

# William Long

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## EDUCATION

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**Cornell University**, College of Engineering, Ithaca, NY

**Expected May 2021**

Bachelor of Science, Computer Science

GPA: 3.62

**Relevant Courses:** Object Oriented Programming and Data Structures, Discrete Structures, Linear Algebra for Engineers

**The Pingry School**, Basking Ridge, NJ

**June 2017**

Awards: National Merit Commended Scholar, AP Scholar with Distinction

**Relevant Courses:** Math 6 Honors, Advanced Topics in Computer Science

## PROFESSIONAL EXPERIENCE

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**Fidelity Investments**

*Durham, NC*

*Software Engineering Intern*

**May 2018 – Aug 2018**

- Worked on a machine learning bot that predicts incident ticket group assignments
- Implemented cookie usage in requests made to service now API
- Made an API using Node.js and Python to create and store a machine learning model in a pickle file
- Created a Jenkins pipeline build to deploy a web push notification app into QA and Production

**The Pingry School**

*Basking Ridge, NJ*

*Coding Intern*

**Summer 2016, 2017**

- Collaborated with group of four to build programs that benefit the school
- Created a Google Doc Add On that helps students format essays
- Trained teachers to use computer science to facilitate classroom learning

**Dana Farber Cancer Institute**

*Boston, MA*

*Coding Intern*

**July 2015 – Aug 2015**

- Built a program that assists in analyzing data taken from sequencing
- Used Python to analyze and output data onto a text file

## EXTRA CURRICULARS

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**Engineering Career Fair Team**

*Cornell University*

*Technology Subteam Member*

**Sep. 2017 – Present**

- Coordinated the spring technical and entrepreneurial career fair
- Android developer for the Engineering Career Fair app
- Used SQLite to improve the user lists functionality
- Updated the homepage and company list page

**Boy Scouts of America**

*Randolph, NJ*

*Senior Patrol Leader*

**Feb. 2010 – May 2017**

- Achieved Eagle Scout Rank on March 14, 2016
- Coordinated replacing of steps at Millbrook Methodist Church for my eagle project
- Leader of my troop of approximately 20 boys from Sep. 2014 – June 2015

## ADDITIONAL EXPERIENCE AND SKILLS

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**Programming Languages:** Java, Python, JavaScript, HTML, CSS, XML, SQL

**Frameworks:** Node.js, Express, Angular, MySQL, SQLite, Android Studio

**Additional Interests:** Baseball, Basketball, Bowling, Camping