

# Ethan P. Gould

---

+1 (520) 904 0219 · ethan.gould@columbia.edu · ethanpgould@gmail.com · github.com/ethanpgould

## Education:

**Columbia University: School of Engineering and Applied Science**, Class of 2020

B.S. Candidate in Applied Mathematics.

**Phillips Exeter Academy**, Class of 2016

Top five percent of graduating class. Exeter does not rank.

Classical Diploma awarded for high achievement in Latin and Greek.

## Professional Experience:

**Python Developer**, The Kingsguard (January 2017—)

**Finance Team**, Lion Credit Union Initiative (Fall 2016—)

**Operations Intern**, MiracleX Inc., San Francisco (Summer 2016)

Assisted wet-lab biology protocols, hydroponics. Managed web-presence.

**Summer Research Associate**, Seung Kim Lab, Stanford Medical School (Summer 2015)

Generated novel LexA/LexAop enhancer-trapped *D. melanogaster* lineages.

Analyzed and catalogued relevant lineages for use in endocrine assays.

**Intl. Volunteer**, *Ai Fei Xiang* Development of Rural Teachers Program, Beijing, PRC (2015)

Interviewed rural instructors. Lectured on American schooling.

## Societies:

**C.P. David Scholar**, Columbia University Scholars Program

Merit-selected scholarship for undergraduates in Columbia Engineering.

**Phi Gamma Delta Fraternity**, Omega Chapter

## Projects and Skills:

**Python** — built kNN classifier with Numpy, app to identify fraudulent shell companies

Familiar with: nltk, scikit-learn, SciPy, pandas, Flask, matplotlib

**MATLAB** — scripts to run Monte Carlo simulations, price stock options

**Microsoft Office** — Excel, PowerPoint

**Autodesk Inventor, Maya** — CAD modeling, simulation testing, 3D rendering

**JavaScript, HTML, CSS** — competent

## Awards and Honors:

Cum Laude Society, Early Inductee (2016)

National Latin Exam: Summa cum Laude (2014, 2015, 2016)

Lucy Lamont Gavitt and Joseph Lamont Gavitt Classical Prize (2015, 2016)

Richard L. Parris Family Scholarship for Excellence in Research Biology at Exeter (2015)

Blackmar Prize for Excellence in American History (2015)

## Additional Involvement:

Exeter Varsity Swimming, Varsity Crew

Phillips Exeter Neuroscience Club, Founder

Exeter Peer Tutoring, Head Tutor