

ELIAS JOAQUÍN LITTLE

Full-Time Student

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🌐 EliasL.com [in](#) LinkedIn [@](#) GitHub



PROJECTS

Monte Carlo Credit

📅 Summer 2020

Designed and built a service that analyzes someone's transactions and compares their spending habits against rewards from various credit cards to recommend the best one. Stack includes Python, Flask, Svelte, MondoDB, Plaid & Stripe APIs(Launching Soon)

Bright Future

📅 Summer 2020

Built the backend for a site that scrapes well-known news sites with python and analyzes then presents the top articles based on positivity using the TextBlob natural language processing library. (Link)

Project Euler

📅 March 2017 - Present

Solved 50+ Problems on ProjectEuler.net (My progress)

EXPERIENCE

Member

Cornell Hyperloop

📅 Fall 2019-Present 📍 Ithaca, NY

- A member of the propulsion subteam. I work on developing the motor drive system, and related components.

Intern

Applied Research Labs UT Austin

📅 Summer 2019 📍 Austin, TX

- Designed, built, tested, and presented a prototype low-cost low-frequency underwater acoustic source.

Contractor

Torzal Guitars

📅 Summer 2018 📍 Austin, TX

- Researched, designed, and constructed a small-scale Enterprise Resource Planning database in Airtable

EDUCATION

B.Eng. in Operations Research (ORIE)

Cornell University

📅 Aug 2019 - Present 📍 Ithaca, NY

- **GPA** - 3.65 | SHPE • ACSU
- **Courses:** Object Oriented Programming & Data Structures, Discrete Structures, Linear Algebra, Multivariable Calculus, Introduction to Machine Learning, Applications of Operations Research, Introduction to Computational Thinking (unofficial, MIT 18.S191)

ACHIEVEMENTS

🔗 **Google FooBar Challenge**
Completed all five levels of Google's FooBar challenge

🏛️ **Deans List**
Fall '19 (Suspended in Spring due to Covid-19)

SKILLS

● **Programming** - Python, Java, Julia

● **Git, MongoDB, SQL, \LaTeX**

● **Web Dev** - Svelte, Vue

EXTRACURRICULARS

⚙️ **Engineering Ambassador**
As an ambassador for Cornell Engineering, I talk to perspective students, write blog posts about what it means to be a Cornell Engineer, and give tours (not during the pandemic)

🎵 **Anything Goes**
I play cello as member of the band for Anything Goes, a musical theater group.

PUBLICATIONS

Little, Elias. "Development of a low-cost acoustic source for hurried underwater sediment research." *Science and Engineering Apprenticeship Program Reports*. Applied Research Laboratories: The University of Texas at Austin. Austin, 2020. 59-70.

INTERESTS

Optimization, Machine Learning, Finance, Algorithmic Trading, Mathematics

HOBBIES

Cello, Guitar, Architecture, Tinkering