

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 natural language processing.

Project Euler

📅 March 2017 - Present

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

EXPERIENCE

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

EDUCATION

B.Eng. in Operations Research (ORIE)

[Cornell University](#)

📅 Aug 2019 - Present 📍 Ithaca, NY

- GPA** - 3.65 | Dean's List • Engineering Ambassador • SHPE
- Courses:** Object Oriented Programming Data Structures, Discrete Structures, Linear Algebra, Multivariable Calculus, Introduction to Machine Learning, Applications of Operations Research

High School | 🏫 Magnet Endorsement

[Liberal Arts & Science Academy](#)

📅 Aug 2015 - May 2019 📍 Austin, TX

- GPA** - 4.32 | SAT - 1560 • Orchestra President • Ambassador

ACHIEVEMENTS

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

🎓 **National AP Scholar**
Scored 4 or higher on 8 or more AP exams

SKILLS

● **Programming** - Python, Java

● **Git, MongoDB, SQL, LaTeX**

● **Web Dev** - Svelte, Vue

● **CAD** - SolidWorks, Fusion

● **General** - MS Office, Graphic Design

EXTRACURRICULARS

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

🎵 **Anything Goes**
A 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