Seth C. Battilana

1818 Chapala St., Santa Barbara, CA | 818.277.4506 | sethbattilana@gmail.com

OBJECTIVE

- To delve into the world of physics, engineering, and programming to gain valuable work experience. I am especially interested in the fields of programming, development, and research. With a tenacious work-ethic and dedicated mindset, I am eager to learn and help my team achieve their goals.

EDUCATION

University of California, Los Angeles, College of Letters and Sciences   **Los Angeles, CA**
Bachelor of Sciences, Astrophysics   Jun. 2020
- Coursework: Analytic Mechanics, Electrodynamics, Quantum Mechanics, Astrophysics: Stellar Evolution, Galaxies, Cosmology, Linear Algebra, Multivariate Calculus

John Burroughs High School   **Burbank, CA**
High School Diploma, GPA: 4.50   May 2016

WORK EXPERIENCE

AT&T Government Solutions/Tyto Athene, LLC   **Santa Barbara, CA**
Specialist Software Design Engineer and Analyst   *Jul. 2020 - Present*
- Manage priorities, dependencies, scope, dates, and deliverables for 2 government-contracted projects
- Construct multiple Monte-Carlo simulation scenarios with packages and components that are scalable
- Architect data extraction and organization with a long-term perspective on our technical landscape
- Communicate with multiple stakeholders to establish the appropriate intent of our systems
- Investigate and document desired calculation methods for errors, error propagation, and bias

UCLA Anderson School of Management   **Los Angeles, CA**
Research Assistant   *Feb. 2019 - Jun. 2019*
- Advised on engineering-related issues for cargo masses and destination orbits using research sources
- Programmed models assessing the capability of historical space launch vehicles to deliver cargo

Play It Again Sports   **Sherman Oaks, CA**
Store Manager   *Aug. 2017 - May 2020*
- Delegated job responsibilities, weekly sales goals, and product delivery logistics to sales associates
- Developed relationships with vendors and sports leagues to grow equipment orders and deliveries
- Responded to requests of store owner and acted as a liaison between the owner and employees

LEADERSHIP

Upsilon Lab   **Los Angeles, CA**
Research Assistant   *Mar. 2018 - Jun. 2018*
- Researched methodologies to decrease costs involved with high-speed plasma cameras
- Collaborated with team members to develop efficient coding on open interfaces such as Raspberry Pi

Bruin Shelter   **Los Angeles, CA**
Supervisor of Personnel   *Sep. 2017 - Jun. 2019*
- Staff member of student-run organization that assists the homeless youth population in the Los Angeles area

ACTIVITIES, INTERESTS, AND SKILLS

Skills: Excel, Python, C++, SQL, Adobe Photoshop, PowerPoint, Business Administration
Security Clearance: Ask me
Interests: Space technologies, NBA, Board games