

ARCHER CHAPIN

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EXPERIENCE

MOXION POWER, GLOBAL SUPPLY MANAGER

San Francisco, CA
03/2022 – 03/2024

- Employee #12 at a growing startup designing an electric alternative to diesel generators.
- Managed NPI production launch for procurement of harnesses, battery cells, busbars, and other power systems. Procured 300+ complex electronic components within 8 weeks.
- Responsible for >15% total BOM cost savings over 9 months from start of production.
- Finalized >\$200M contract with battery cell supplier to lock cost savings & secure supply.

MOXION POWER, MECHANICAL ENGINEER

San Francisco, CA
2021-2022

- Managed the mechanical design development of the battery distribution unit (BDU).
- Worked with electrical engineers to mechanically route all electrical harnesses in CAD.

FLEXPORT, SUPPLY CHAIN ASSOCIATE

Los Angeles, CA
2020-2021

- Coordinated with truckers and steamship lines to move thousands of freight shipments.
- Built the ocean operations performance dashboard and designed 7 new-hire trainings.
- 1 of 5 employees out of 200 in the LA office selected as an all-star in Q4 2020.

TUCKGO ONSITE CONSULTING, CONSULTANT

San Pedro Sula,
Honduras
Winter 2019

- Tuck Business School consulting program which accepts 2 undergraduates.
- A cancer clinic needed to convince companies to pay for employees' cervical screenings.
- Onsite in San Pedro Sula, Honduras, I found and called customers to create and present a sales & business development framework to better prioritize fundraising activities.

ZEUS LIVING, OPERATIONS AND MARKETING ANALYST INTERN

Los Angeles, CA
Summer 2019

- Zeus needed to expand the apartment supply of its corporate housing platform in LA.
- Grew revenue \$850K by performing custom apartment searches for Zeus's largest clients.
- Built model to optimize sourcing in LA based on renter data & customer survey feedback.

TUCKGO ONSITE CONSULTING, CONSULTANT

Tokyo, Japan
Winter 2018

- 2 undergrads accepted for consulting project with 4 MBAs at a Tokyo appliance company.
- Toilet manufacturer needed its social-entrepreneurial project—increasing toilet availability in developing countries with high open-defecation rates—to breakeven within 2 years.
- Designed a decentralized supply chain reducing delivery time from 10 to 5 days.
- Presented a detailed proposal to CEO and executives, who gave very positive feedback.

CHUNGDAHM ENGLISH ACADEMY – SONGPA-GU, ENGLISH TEACHER

Seoul, Korea
Summer 2024

- Taught English grammar and literature to 100 Korean students at an after-school academy which encourages creativity in an English-immersion environment.

EDUCATION

DARTMOUTH COLLEGE

Hanover, NH
June 2020

- Bachelor of Engineering in mechanical engineering with a government minor. GPA: 3.5.
- [Projects](#): Fetal position monitor, Blind user's queue sensor, Distance control system.

SKILLS

- **Patents:** [Patent No. 8,469,419](#) (Oven Removal Arm) & [Patent No. 8,230,631](#) (Expandable Picture Frame).
- **Technical Skills:** Proficient in Excel, SQL, Python, Java, C, MATLAB, and PowerPoint.
- **Hobbies:** Running, crosswords with friends, reading about international politics, pick-up of any sport.