

EDUCATION

Bethel University (formerly Bethel College), **Mishawaka, Indiana**

B.S. in Mathematics, Minor in Music, AUGUST 2009 – MAY 2013

- **GPA:** 3.88/4.0, *magna cum laude*; **SAT:** 2310/2400 (800 Math, 720 Critical Reading, 790 Writing)
- Coursework included multivariate calculus, linear algebra, differential equations, probability & statistics, computer programming (C++ and Java), mathematical modeling (using the R statistical language), abstract algebra, real analysis, and complex analysis.
- 2010 Ronald Bennett Mathematical Sciences Award; 2013 Outstanding Mathematics Undergraduate

freeCodeCamp – *Web Development Certifications, MARCH 2019 – NOVEMBER 2019*

- [Responsive Web Design Certification](#), September 3, 2019
- [JavaScript Algorithms and Data Structures Certification](#), September 3, 2019
- [Front End Libraries Certification](#), September 26, 2019
- [APIs and Microservices Certification](#), October 12, 2019
- [Information Security and Quality Assurance Certification](#), November 11, 2019

WORK EXPERIENCE

Studies and Analyses Division, HQ Air Force Materiel Command (AFMC), Wright-Patterson AFB, Ohio

Analyst Intern, MAY 2011 – JULY 2011, MAY 2012 – JULY 2012

Operations Research Analyst, JUNE 2013 – FEBRUARY 2017

- Provided concrete financial and operational analysis to a major acquisition program supporting a \$3 billion reduction in the life cycle cost estimate for initial spare parts with no reduction in system performance.
- At request of AFMC's Financial Management office (facing unexpected last-minute deadline), quickly coded a software tool in Excel VBA to summarize data for a Pentagon-level report. Tool now saves 8 man-hours per month.
- Led the analysis portion of an Inspector General briefing eventually presented to AFMC's (4-star) Commander. In the process uncovered and developed solutions for Air Force-wide inspection data collection problems.
- Personally briefed AFMC's (3-star) Vice Commander to prepare him to sit on the steering group of RAND Corporation's Air Force-focused study board.
- 2014 HQ AFMC Category I Civilian of the Year.

Entrepreneur & Rideshare Driver – FEBRUARY 2017 – FEBRUARY 2020

- Co-founded online retail store for decorative camera lens caps, ended up finding lack of market demand.
- Owned and rented out two vehicles on peer-to-peer rental platforms Turo and HyreCar. Venture was profitable and would have scaled well for subsequent vehicle purchases, but I decided to sell these vehicles when my wife and I planned to embark on full-time RV travels (February 2019–present).
- Used rideshare as a flexible and stable income base during these ventures and during our first year of travel.

PORTFOLIO

- [23 personal projects and demos](#) utilizing several front-end to back-end JavaScript libraries and frameworks.