

Aaron T. Bame

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EDUCATION

Bachelor's of Science, Mechanical Engineering, Brigham Young University

Graduation: April 2018, GPA: 3.7

- GRE scores: Quantitative-166 (91%), Verbal-160 (86%)
- Scholarships: Questar (Essay)-\$2,300 Academic-\$2,650
- Foreign Language and Area Studies Fellowship-Japanese (\$10,000): awarded from essays and language course excellence
- Relevant coursework: Thermodynamics, Mechatronics, Numerical Methods and Computer Programming, CADD, Japanese Minor, Heat Transfer, Machine Design, Fluid Dynamics, Measurement Systems
- CAPSTONE Project '17-'18 (Team Captain): Design system to prevent a child from being abandoned in a car
- Global Engineering Outreach '17-'18 (Team Captain): Product development for underdeveloped communities, design low-cost gas measurement system

EXPERIENCE

Thermodynamics Research Assistant, Dr. Matthew Jones

Provo, UT Sep./2015-present

- Model electrochemical sensor error
- Power generation through low-grade thermal energy recovery

Japanese Tour Guide, Self-employed c/o Destinations East-West

Las Vegas, NV Nov./2013-present

- Daily vehicle safety inspections
- Group management (2-15 passengers)
- Fluid communication, specifically in Japanese
- Plan, follow, and alter itinerary as needed

Mechanical Engineering Intern, BluePrint Automation, Inc.

Richmond, VA May/2017-Aug/2017

- Check drawings, edit Geometric Dimensioning and Tolerances
- Helped design machines featured in Las Vegas Pack Expo 2017

Volunteer Missionary, Church of Jesus Christ of Latter-day Saints

Kanto, Japan Oct./2011-Nov./2013

- Daily communication with Japanese people in various settings
- Gave direction and organized weekly training meetings
- Made specific weekly and daily plans

SKILLS

- Fluent Japanese
- Proficient in SolidWorks, CATIA, Autodesk Fusion 3D Models
- Proficient in C, C++, MatLab, Python, and R (Studio) Programming
- National Outdoor Leadership School alumnus (Wilderness First Responder)