



## SEAN CONNOR

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Birth date: 02.11.1994  
Birthplace: Ohio, USA

### IT Skills

Design Programs	ABAQUS Autodesk Inventor MATLAB
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Cloud Services	Google Drive Dropbox AutoCAD360
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### Language Skills

English	Native speaker
Finnish	Basic proficiency (CEFR A2.1)

### Hobbies and Interests

Resistance training  
Biking  
Woodwork  
Self-guided study

### Recommendations

Upon request

### Career Goals

- Build analytical skills and software knowledge through analysis application of FEA method in environments such as ANSYS, Siemens NX, or ABAQUS, and learn how to integrate a coding language such as python to expand my capabilities
- After expanding my “hard skills” as a professional engineer, I hope to transition into a leadership role in research and development or in design of new products leveraging my experience in team projects to enhance group dynamics

### Education

Aalto Yliopisto, Espoo 9.2018-Present  
Master of Science (Technology), Mechanical Engineering, 24/120 ECTS

Miami University, Oxford, OH 8.2013-5.2016  
Bachelor of Science, Mechanical Engineering: 209 ECTS (converted)  
Capstone project: Pico Hydro Electricity Generation in rural Laos

### Experience:

Björklund Båtslip 6.2016-Present **Mechanic**

- After moving to Finland and while looking for opportunities in the engineering sector, I worked as a boat mechanic doing hard physical labor while expanding my knowledge of solutions to mechanical problems currently in use
- During this time, I learned about Finland, its people, culture, and language
- I performed boat maintenance and interacted with customers, developing hard and soft skills around engine blocks as well as the shop

Miami University 6.2015-5.2016 **Project Work**

- Wrote theoretical product embodiment design reports in teams based on prompts from my courses such as a wood gasification stove and a portable well structure
- Analyzed FEA simulations components and assemblies in ABAQUS
- Designed and machined a jointed conrod water pump which successfully ran

Miami University 1.2015-5.2015 **Teacher's Assistant**

- Graded and returned 45 to 90 homework sets twice per week in ~3hr sessions
- Documented my work history by logging work hours and organizing students' grades in Microsoft Excel
- Designed solution template and grading guidelines for Mechanics of Materials course's final design project
- Hosted help sessions for every team of students involved in the design project