

# NAME

Dynamic engineering graduate with experience in technical design and leadership in search of an innovative company with growth opportunities where my education, computer, management and leadership skills can be fully utilized.

LINKEDIN

Link

MOBILE  
number

EMAIL  
email

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## EDUCATION

### Board for Professional Engineers, Land Surveyors, and Geologists

Engineer in Training (EIT) Certification  
Certificate Number: xxxxx

Month Year  
Location

### University

Bachelor of Science in Mechanical Engineering  
Overall GPA: 3.31 | Major GPA: 3.24

Graduation Date  
Location

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## PROFESSIONAL EXPERIENCE

### Position Title

Company name                      Company Location

Month Year – Month Year

- Designed a prototype model of a dynamic stability system for an oceanic buoy that remains horizontal with a dimensional tilt tolerance of 15 degrees for potential full-scale production
- Created Solidworks assembly models to illustrate mechanism components, ensure manufacturability, examine the mechanism in motion, and created engineering drawings for the fabrication of parts
- Utilized 3D printing technology to create components for the physical prototype
- Developed physical prototype, performed cost analysis, purchased and manufactured required components
- Presented reports of concept feasibility, engineering analysis, and project progress to company sponsor

### Position Title

Company Name                      Company Location

Month Year – Month Year

- Determined the effects of gradient based etching patterns on the fluid velocity of microfluidic devices leading to a pending publication
- Created and conducted experimental techniques to determine wicking behavior in porous material
- Interpreted data from fluid wicking experiments to determine optimal etching patterns
- Presented data weekly to a team of 7 collaborators and compiled a final project report

### Engineering Intern

Company Name    Company Location

Month Year – Month Year

- Designed and manufactured mounting brackets to mount the company's aftermarket car parts to 2015 Subaru WRX chassis
- Utilized Solidworks to create bill of materials for multiple company products and to dimension parts drawings to be sent off for fabrication

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## LEADERSHIP EXPERIENCE

### Peer Leader

Company Name                      Company Location

Month Year – Month Year

- Mentored 15 incoming engineering students per year to facilitate their integration into the university through weekly group discussion to aide their time management, study habits, networking and communication skills
- Oversaw a team of 8 students in the design, assembly and testing of a wind turbine for competition

### Engineering Ambassador

Company Name                      Company Location

Month Year – Month Year

- Conducted campus tours for up to 40 prospective students, parents and visitors
- Organized recruitment events and arranged on campus interviews to promote the university and encourage future enrollment
- Represented the College of Engineering in multiple campus events and played the public relations role with industry representatives

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## TECHNICAL COURSEWORK

- Feedback Control
- Machine Design
- Ship The
- Robotic Planning and Kinematics
- Mechanics of Materials
- Fluid Dynamics

## SKILLS

- Solidworks Associate - 100+ Hours  
Certification Number: xxxxxx
- MATLAB - 100+ Hours
- Microsoft Office
- Experimental Design

## AFFILIATIONS

- Tau Sigma Honors Society
- Gamma Beta Phi Honors Society
- Society of Women Engineers
- Theta Tau Professional Engineering Fraternity