

ZACHARY PEATS

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OBJECTIVE

Gain a full-time software engineering position where I can exercise my passion for quality software development.

EDUCATION

Bachelor of Science in Computer Engineering, May 2020

GPA: 3.95

Purdue University
West Lafayette, Indiana

LANGUAGES & SKILLS

- | | |
|--|---|
| <ul style="list-style-type: none">▪ Python▪ MATLAB▪ C family of languages▪ ARM Assembly | <ul style="list-style-type: none">▪ Computer Vision▪ Microsoft Excel▪ English (native)▪ French (basic) |
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WORKPLACE EXPERIENCE

Garmin Aviation

May 2019 – August 2019

Software Engineering Intern

Olathe, KS

- Consistently interfaced between many teams to create next generation display systems.
- Organized team members to efficiently implement an avionics standard into Garmin displays.
- Created automated tests to ensure reliability and robustness in the codebase.

Magna – TEAM Systems

May 2018 – August 2018

Automation Intern

Toledo, OH

- Aggregated information from operators and engineers to develop a standard for plant interfaces.
- Reviewed code to clean up unsatisfactory logic, reducing PLC related downtime on the factory floor.
- Communicated with an equipment supplier to monitor relevant progress and issues.

Magna – TEAM Systems

May 2017 – July 2017

Process Engineering Intern

Toledo, OH

- Engaged in feedback and response with operators to ideate more efficient solutions.
- Designed and proposed changes to manufacturing line to reduce unnecessary downtime.
- Formatted documents to increase readability while maintaining logical coherence.

LEADERSHIP EXPERIENCE

Purdue Boiler Gold Rush

January 2016– August 2019

Team Supervisor

West Lafayette, IN

- Monitored the mental and physical health of Team Leaders and their students.
- Co-coordinated and scheduled the move-in of over 6,000 new students given arrival constraints.
- Mentored and supported Team Leaders, often helping resolve conflict in dynamic, group settings.
- Provided organizational support to allow Team Leaders to smoothly interact with their students.

Team Leader

- Ensured needs of new students are met in a safe, fun, and engaging environment.
- Introduced new students to college life while familiarizing them with the campus.
- Engaged new students with relevant, institutional knowledge of Purdue University.
- Mentored new students on a personal level as they began their college careers.

CAMPUS INVOLVEMENT

Purdue Outing Club

August 2017 – May 2018

Gear Consultant

West Lafayette, IN

- Maintained and organized equipment stores to maintain a proper accounting of equipment.
- Organized and operated rental process to distribute needed equipment to club members.
- Inspected and catalogued repair efforts on safety-critical equipment.