

Brian Smak

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Portfolio: <https://bjsmak.github.io/Portfolio/portfolio.html>

CAREER SUMMARY

Web developer with engineering background bringing mathematical knowledge, critical thinking, and problem solving. Looking for opportunities to gain more experience coding on a collaborative team.

TECHNICAL SKILLS

Frontend: HTML5, CSS, JQuery, JavaScript, Bootstrap, AJAX

Backend: MySQL, Express, Node, Handlebars

Other: Microsoft Office (Word, Excel, PowerPoint, Project), NX/CAD Design

PROFESSIONAL EXPERIENCE

AAM (American Axle & Manufacturing)

2013 to Present

Senior Product Engineer

May 2014 to Present

Designing and releasing differential components from concept design through final launch

- Engineering analysis (stack-ups, calculations) utilizing problem solving among different applications
- Perform design analysis for current programs, future products, and cost reduction opportunities with several different OEMs
- Develop, validate and release component designs from start to finish
- Work with multiple teams to provide bill of materials and technical information in support of corporate cost estimating and other activities

Key accomplishments:

- Lead a cost savings activity on a large-scale program that led to annual savings of \$50,000
- Worked on a team that was the first to take on a new pursuit and successfully won the program

Product Engineering Co-op

October 2013 to April 2014

Providing support for propeller shaft group on various activities including benchmarking and releasing bill of materials

- Provide benchmark reports

- Release bill of materials
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EDUCATION

Michigan State University, Full Stack Web Development Certificate	Present
Oakland University, Bachelor of Science, Mechanical Engineering	May 2014