Brian Smak

Rochester Hills, MI 48307
(248) 520-5535 Cell
Email: brian.j.smak@gmail.com | LinkedIn: https://www.linkedin.com/in/brian-smak/
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

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

EDUCATION

Michigan State University, Full Stack Web Development Certificate   **Present**

Oakland University, Bachelor of Science, Mechanical Engineering   **May 2014**