Thatcher Rickertsen

5500 11th Ct. S. Birmingham, AL 35222

(205) 427-1527 | [thatcherr2@gmail.com](mailto:thatcherr2@gmail.com) | [tor0002@auburn.edu](mailto:tor0002@auburn.edu)

Looking for an entry-level software engineering position where I can fully utilize my skills and build my career.

**Skills (Listed in order of familiarity):**

***Languages:***

***TypeScript | JavaScript | Java | C | C++ | PowerShell | HTML | Groovy | XAML | C# | CSS | SQL | Ruby***

***Industry Related Skills/Knowledge:***

***git | npm | Team Foundation Server | Team Foundation Build | Gradle | Maven | Angular***

***Miscellaneous Related Knowledge:***

***OData (Open Data Protocol) | Creating/Maintaining APIs | Web Development | Agile Methodologies | Scrum | Test Driven Development | Build Automation / Configuration | Mobile Development***

***Preferred Operating Systems:***

***Windows | Linux (Ubuntu / CentOS)***

**Education:**

**Senior – Auburn University (Graduating Spring 2019)**

3.4 GPA | Computer Science Major | Business Minor (complete)

Scholarships:

National Merit Presidential Scholarship | Auburn University Board of Trustees Scholarship | Hugensmith Endowed Scholarship

**Graduate – Mountain Brook High School**

4.0 GPA | National Merit Finalist | 34 ACT Score | NASA Protein Crystallization Study Participant

**Experience:**

**Software Engineering Intern - Hexagon PPM (Summer 2017 & May 2018 – Present)**

Worked during the summer of 2017 as an intern helping to develop a web-based portal application. I helped to refine our software's build process by migrating older XAML builds into Team Foundation Build. Gained experience in/with PowerShell, REST APIs, C#, Team Foundation Services, Visual Studio 2017, Agile/Scrum planning, JavaScript/C# Unit Testing, UI Testing, and build configuration/optimization.

Returned the following summer and worked on creating and maintaining OData client libraries that the company used internally (InnerSource). These were written in TypeScript and the APIs I helped to create were useful for other web applications to consume. Currently, having finished with the formal internship, I am working remotely from Auburn, AL creating similar OData libraries for Java rather than JavaScript.

**Creator/Participant - Hexathon (July 2018)**

Worked with several other interns as well as the HR department at Hexagon PPM to create an internal hackathon (coding marathon). Also participated in the event and teamed up with 3 other employees. Came in 2nd place after adding voice activation to a 3d model viewing tool.

**Participant – Equifax Code-a-thon (February 2016 & February 2018)**

Attended a hackathon run by Equifax in both 2016 and 2018. Awarded as being the best freshman team in 2016 with a simple social media crawling bot. Came in 4th place in 2018 with a fully functional weather web application.

**Application Developer Intern - Infinity Insurance (Summer 2016)**

Worked as an intern the summer after my freshman year on developing a mobile application for the company. To do this, we used Angular and Meteor, as well as HTML, CSS, and TypeScript, and Ionic2 as a UI Framework.

**Cashier – Zaxbys (Summer 2014/2015)**

Worked both the front-of-house and the drive-thru serving customers in a friendly and efficient manner. First experience in a work environment.

**Eagle Scout (December 2014)**

**References:**

*Drew Ballance – Software Architect – Hexagon PPM – dballance@gmail.com – (256) 337-2418*

*Dustin Halbrooks – Software Developer – Hexagon PPM – dustin.halbrooks@hexagon.com – (256) 738-4294*

*Christian Heraud – Technical Director – Hexagon PPM – christian.heraud@hexagon.com*

**External Links:**

**LinkedIn** <https://www.linkedin.com/in/thatcher-rickertsen-456373115/>

**GitHub** <https://github.com/thatchdawg>