

Benjamin Harris

Software Developer

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EXPERIENCE

- **Hagerty Insurance Agency** Traverse City, MI
Senior Software Engineer *July 2023 - Present*
 - **Team Tech Lead:** Lead a small team of developers to improve processes and mentor new hires
 - **Application Support:** Long-term work to find and fix bugs across many systems and codebases. Support and fix production processes, users, and integrations
- **Hagerty Insurance Agency** Traverse City, MI
Software Engineer *November 2017 - July 2023*
 - **C# Desktop development:** Maintain internal policy management system: integrate external partner platforms, improve batch throughput and policy conversion processes
 - **Stabilization and Scalability:** Eliminate tech debt across a massive legacy codebase to ensure capacity and scalability: refactor document processing service, prevent primary key integer overflow, refactor customer and policy integrations
- **Hagerty Insurance Agency** Traverse City, MI
Test Engineer, IT Apps Development *June 2017 - November 2017*
 - **Quality Assurance:** Create and execute test plans for billing platform integrations
 - **Test Automation:** Work with fellow test engineers to automate end-to-end testing of web projects
- **Northern Michigan University** Marquette, MI
Student Programmer, Business Intelligence and Information Services *May 2014 - May 2017*
 - **Web Applications:** Worked under Enterprise Software Developer to create intranet applications for staff and students with PHP, Bootstrap, jQuery
- **Iron Fish Distillery** Thompsonville, MI
App Developer/Webmaster *June 2016 - June 2018*
 - **Site Maintenance:** Maintenance, updates, and customizations
 - **Custom Applications:** Build web applications to manage membership, inventory, and integrate with point-of-sale systems

PROJECTS

- **Published Code:** See github.com/benharri or my tilde-related projects
- **tilde.team, founder/head admin:** tilde.team is a public access unix system named for the tilde symbol. It's a friendly digital community focused on teaching, learning, socializing, and making cool stuff.
- **hashbang.sh, co-sysadmin:** Somewhat similar to tilde.team, hashbang.sh is a community built around teaching best practices in open source, security, and self hosting. Teach, learn, make things do.

EDUCATION

- **Northern Michigan University** Marquette, MI
Bachelor of Arts: Computer Science/Economics double major, Math minor *Aug. 2013 - May. 2017*
 - **Harden Presidential Scholarship:** Full-ride scholarship, including room and board
 - **Association for Computing Machinery:** Chair of campus ACM chapter, annual participant in International Collegiate Programming Competitions
- **Zurich University of Applied Sciences (ZHAW)** Winterthur, Switzerland
Study abroad semester: Continued Computer Science courses in German *Feb. 2015 - July. 2015*