

# Amanda Elvarsdottir

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## OBJECTIVE

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Passionate Software Engineer seeking a position in a company that values my analytical and technical skills and provides scope for expanding my knowledge. I enjoy applying computer science, physics, and math to engineering problems. In my most recent position, I worked on a major front-end upgrade to the main application, which led to less bugs and reduced development time. In addition, I speak English and Icelandic, and am proficient in German and Danish.

## EDUCATION

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**Northern Michigan University** Marquette, MI  
*B.S in Computer Science, Minor in Math* Aug. 2018 – May 2021  
Dean's list

**Hartwick College** Oneonta, NY  
*B.S in Computer Science, Minor in Math* Feb. 2018 – May 2018 (transfer)  
Dean's list

**Akureyri Junior College** Akureyri, ICELAND  
*Matriculation Examination in Physics and Math* Aug. 2013 – Jun. 2017

## EXPERIENCE

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**Software Engineer** May 2021 – Aug. 2022  
*Modus* Minneapolis, MN

- Worked on a major front-end upgrade to the main application that our users interface with, which led to less bugs, and reduced development time
- Built user-facing pages that require state management, data-binding and observer patterns that show my ability to problem solve.
- Inherited a code base and was able to familiarize myself and fix complex bugs

**IT Help Desk Technician** Aug. 2020 – May 2021  
*Northern Michigan University* Marquette, MI

- Assess and troubleshoot computer problems (software, hardware and network) brought by students, faculty/staff and retirees.
- Wrote technical reports to communicate common problems and outline solutions.
- Communicated effectively with users to avoid technical barriers and misunderstanding.

**Assistant, Radiology Department** Jun. 2015 – Jul. 2020  
*Akureyri Hospital* Akureyri, ICELAND

- Help set up the database for ultrasound scan.

## PROJECTS

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**Modus - Web Application** | *HTML, CSS, JavaScript, Knockout* May 2021 – Present

- Developing a platform for easy access to content, buyer engagement tools, and just-in-time learning
- Building user-facing pages, and fixing bugs

**iOS Application (Senior Project)** | *Swift, SQL, XCode* January 2021 – May 2021

- Developing an iOS Application that helps people create, track and achieve their goals
- Using SQL database to collect user's input data (their goals)

**Shell** | *C/C++ [Linux] on VS Code* November 2020

- Developed a shell that could run and search an executable
- File input and output redirections, and other fundamental shell commands

## TECHNICAL SKILLS

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**Languages Frameworks:** Java, C/C++, Swift, SQL, JavaScript, HTML/CSS, Objective-C, SmallTalk, Vue, Knockout  
**Developer Tools:** Git, VS Code, Visual Studio, IntelliJ IDEA, Eclipse  
**Coursework:** Database Concepts, Data Structures, Network Programming, Principles of Programming Languages, Object-Oriented Design, Microcomputer Architecture, Algorithms Design and Analysis, Operating Systems, iOS Programming, Front End Development.