

# Benjamin J. Anderson

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🌐 Vandise

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## Education

UW - Stevens Point 01/2017 - Present

*M.Sc in Data Science with a specialization in Data Warehousing and Prescriptive Analytics. GPA: 4.0*

*Master's Thesis: "Augmenting Content Curation Through Prescriptive Analytics." Original Research, pending review.*

UW - Stout 01/2014 - 05/2017

*B.Sc Information and Communication Technologies, emphasis in Management and Leadership. GPA: 3.44*

*Training and certifications in: MS Office, MSSQL, and Salesforce.*

Chippewa Valley Tech. 12/2012 - 05/2014

*Associates Degree in Programming/Analyst. GPA: 3.8*

*Automation of business processes through software development. Certifications in: Java Development, Web Development, Accounting, Technical Writing, MSSQL, and Crystal Reports.*

## Experience

Chippewa Valley Tech. 08/2017 - Present

- **Adjunct Professor**, teaching advanced Java and mobile development courses.
- Established new curriculum for Android and Agile Development courses to reflect Bloom's Taxonomy.

Mashable 2015 - Present

- **Mentorship**. Early development of a web crawler and linear regression model.
- **Software Engineer**. Part of a small agile team supporting over 45 million subscribers. Developing proprietary software including: a dynamic CMS, Data Mining tools, Data Visualization Utilities, Content Presentation, and a Data Pipeline.

JB Systems 06/2014 - 03/2015

- **Web Developer**, supporting over 300 clients with custom solutions for: marketing, ecommerce, reservation, and point-of-sale systems.
- Developed a payment processing service for all clients. Improved client-customer relations through social media integrations. Established a CI process.

Menards INC 11/2013 - 06/2014

- **Contractor**, Java and Open Edge Developer
- Migrated existing point-of-sale services from Open Edge to Java.

## Skills

**Development:** *JavaScript, React, Redux, Mocha, Puppeteer, Phantom, Webpack, JRuby, Ruby, Ruby on Rails, rspec, Python, C, C++, Elixir, PHP, R, HTML5, CSS3, Java, Junit, Apache, nginx, Android, Elastic Search, Redis, Terraform, Ansible, Salt Stack.*

**Databases:** *MySQL, Mongo, Postgres, BigQuery, SQLite*

**Services:** *EC2, S3, Athena, Redshift, Lambda, ELB.*

**Other:** *Git/Github, TDD, agile development, remote, continuous integration.*

## Leadership & Extracurriculars

CV Developers Group 2012 - Present

- **Presenter**. Presented to the local community on a variety of topics including: compiler theory, emulation, Data Science, and JavaScript.

CV Code Camp 2012 - Present

- **Presenter**. Guest lecture local developers and the Chippewa Valley community, focusing on Web Development, Game Development with JS, and Microcontroller development.

Evercode Foundation 2013 - 2017

- **Mentor**. Bring software development to middle and high school students through a series of programs over the summer. A similar program is now being offered through Chippewa Valley Technical College.

## Open-Source Projects

Kraken 01/2017 - 09/2017

- **Kraken was Mashable's Data Pipeline**. Kraken is built upon the Apache Confluent architecture and Ruby. It was open-sourced after J2's acquisition of Mashable is available on Github.

Game Elements 06/2014 - Present

- **2016 Github Game-off Winner and Algorithms**. A series of projects teaching algorithms and game engine development with JavaScript. Demos at: vandise.com.

Socketio.Middleware 06/2014 - Present

- **Node Library**. An opinionated implementation of how redux should work with sockets. The philosophy is that only the middleware should have knowledge of the socket and the connection.

Gambit 06/2017 - 11/2017

- **Compiler, VM, and State Replay**. Gambit is a series of components to demonstrate human-readable error debugging and state capture/replay through a react-based UI for modern Virtual Machines.