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## Education

### Carleton College, Northfield, MN

- Class of 2018, major in Computer Science
- Experience in creating evolutionary algorithms including neural networks.
- Senior capstone project: E-Discovery through incremental machine learning algorithms in conjunction with natural language processing techniques.
- Thorough understanding of operating systems through coursework.

## Work Experiences

### Full Stack Application Developer Launch5 Media & Technologies, Summer 2017 – current

- Developing a phone app prototype for a locale based social media platform using Phonegap/Cordova
- Experience in using JS APIs from Google for location and Places services
- Experience in using OAuth
- Experience in implementing backend with AWS DynamoDB, API Gateway, Cognito
- Experience in working in an agile environment with related tools like JIRA

### Engineering Intern, Lotic Labs, Summer 2016

- Implemented a dataflow that gathered and processed data from USGS and other data collection agencies
- Modified the dataflow to be optimized for performance using parallel requests and cloud computing services like AWS Lambda.
- Offloaded large amounts of data in AWS S3

### Drop-off Center Windows Lead Tech, Carleton ITS, March 2016 – current

- Repairing and salvaging data from damaged machines as well as reimaging corrupted operating systems
- Performing particularly difficult repairs, especially for Windows machines

## Skills

- Proficient in Python, Java, C/C++, Javascript
- Experienced in developing in both Unix and Windows environments
- Experience in mobile development through Cordova/Phonegap and Corona
- Experience in using development tools (IDEs, VCS)
- Familiar in agile development concepts and tools
- Exposure to a large range of CS subtopics through coursework
- Projects available at <https://github.com/kimj4>