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*Seeking Full-Time Opportunities in Machine Learning and Data Science*

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## Education

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**University of Michigan**, Ann Arbor, MI

*September 2013 – May 2017 (Expected)*

- » LS&A, Computer Science, B.S. (3.1)
- » Machine Learning, Information Theory, Cognitive Science, Computer Security, Web Applications.

## Research & Teaching Experience

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**Instructional Aide**, EECS 398, Computing for Computer Scientists

*Winter 2016 – Winter 2017*

- » Worked with a team to craft original course syllabus (homework, exams, etc.) for over 300 students.
- » Taught lectures on `git`, virtual private servers, and debuggers.
- » Held weekly discussion sections and office hours, in addition to grading homework and exams.

**Research Assistant**, advised by Prof. Eric Schwartz

*Fall 2015*

- » Designed a website with user tracking capabilities implemented in Javascript using the Firebase API.
- » Collected data from users to measure the efficacy of ‘native’ advertising against traditional banner ads.

**Grader & Tutor**, EECS 183, Introduction to Programming Concepts

*Fall 2014 – Winter 2015*

- » Assisted students in on-on-one meetings with all course material.
- » Graded homework, and projects for both correctness and code style.

## Work Experience

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**Software Engineering Intern**, Nordstrom (Seattle, WA)

*June – Aug. 2016*

- » Independently prototyped an in-house fraud detection system trained on debit card chargeback data with the Payments and POS teams. Collected, analyzed, and modeled data to predict fraud incidence.

**Web Developer**, Computer Aided Engineering Network

*May – Aug. 2015*

- » Independently designed and implemented a RESTful JSON API for UM Data Warehouse.

## Publications

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- » J. Abernethy, **A. Chojnacki**, et al, “**A Data Science Approach to Understanding Residential Water Contamination in Flint**” *KDD Conference 2017 (pending acceptance)*
- » J. Stroud, **A. Chojnacki**, J. Abernethy, “**The Michigan Data Science Team: A Student Organization for Machine Learning Challenges**” *NIPS 2016 Workshop “Challenges in Machine Learning: Gaming and Education”*
- » J. Abernethy, C. Anderson, **A. Chojnacki**, et al, “**Data Science in Service of Performing Arts: Applying Machine Learning to Predicting Audience Preferences**” *Bloomberg Data For Good Exchange 2016*

## Campus Involvement

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**Communications Chair**, Michigan Data Science Team

*Fall 2015 – Present*

- » Managed club growth for two years, gaining 40 active members and 400 subscribers to team newsletter.
- » Organized and officiated prediction challenges by meeting with competition sponsors and partners.
- » Advised students and professors from other schools building similar organizations in one-on-one calls.

**Organizer**, Michigan Machine Learning Reading Group

*Summer 2015 – Fall 2016*

(Modified: March 2017)