Ryan **Larson**

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Education

University of Iowa *Iowa City, IA*
B.A. IN INFORMATICS: HUMAN COMPUTER INTERACTION *2013 - May 2017*
- Minor in Computer Science, Psychology
- Select classes: Information Visualization, Knowledge Discovery, Human-Computer Interaction. Complete curriculum visualization here.

Skills & Languages

Programming	Python, JavaScript, R, SQL
Methods	Data Analysis & Visualization, Machine Learning, Interaction Design, Version Control
Software	Tableau, Adobe Illustrator, OpenCV, Weka, SciKit Learn
Markup	HTML, Markdown, LaTeX

Experience

Univ. of Iowa Informatics Initiative *Iowa City, IA*
UNDERGRADUATE RESEARCH *Feb. 2017 - July 2017*
- Co-authored *Understanding the Effect of the Travel Ban on Non-English Language Tweets in the United States* in Political Networks 2017 Proceedings.
- Collaborated with political scientists to extract and disseminate social media insights from 500gb of Tweets.
- Gave workshop on how to use GIS and data analysis to implement web technologies for broad audiences.

IDEA Lab, Undergraduate Research *Iowa City, IA*
UNDERGRADUATE RESEARCH *Sep. 2016 - Feb. 2017*
- Researched means of identifying people, attention, and emotions for autonomous vehicles using OpenCV.
- Communicated insightful research findings and integrated outside work within a team environment.
- Implemented prior research to create a physical movement classifier for anomaly detection.

Daily Iowan *Iowa City, IA*
DATA JOURNALIST *Sep. 2016 - Dec. 2017*
- Co-founded the Daily Iowan Data Journalism Team, responsible for managing and publishing data-driven narratives.
- Illustrated and designed data stories on the web using D3.js and in print using Illustrator.
- Cooperated with reporters to improve reader comprehension of infographic editorials and charts.

ACT *Iowa City, IA*
DATA VISUALIZATION INTERN *Jun. 2016 - Aug. 2017*
- Scaled customer conversations using predictive models and visualizations for student score reporting.
- Combined proprietary and open datasets using Python to give more relevant feedback to users.
- Conceptualized and engineered an exploratory web application using D3.js for ACT's student users.

ACT *Iowa City, IA*
DATA ANALYST INTERN *Jun. 2015 - Aug. 2016*
- Conveyed actionable insights to decision makers at ACT about employee satisfaction.
- Created several interactive Tableau dashboards, interfaces to better communicate with stakeholders.
- Identified key areas of growth for ACT using historical and current survey data.

Extracurricular

Association for Computing Machinery *International*
MEMBER *May. 2014 - PRESENT*
- Participated in hackathons, community events, and workshops.

Track and Field *Iowa City*
DISTINGUISHED SCHOLAR AWARD *Aug. 2013 - May 2014*
- Competed for the Iowa Hawkeyes in a performance-driven environment.