

## EDUCATION

**Carnegie Mellon University: School of Computer Science**, Pittsburgh, PA

*Master of Educational Technology and Applied Learning Science (METALS)*, anticipated Aug 2018

**Cumulative GPA:** 3.94/4.00

**Relevant Coursework:** Learning Media Design, Tools for Online Learning, E-Learning Design Principles & Methods, Educational Goals, Instruction, & Assessment, Design of Educational Games, Learning Analytics & Educational Data

**Northwestern University: School of Education and Social Policy**, Evanston, IL

*Bachelor of Science in Education and Social Policy (Honors)*, Jun 2016

**Cumulative GPA:** 3.61/4.00

**Majors:** Mathematical Methods in the Social Sciences (MMSS), Learning and Organizational Change (LOC)

**Relevant Coursework:** Learning Organization for Complex Environments (Systems Thinking), Organizational Theory & Practice, Psychology of Technology & Instructional Design, Ethnographic Methods, Econometrics, Advanced Research Methods

**Honors Thesis:** Characteristics of Mentoring Relationships in Massively Multiplayer Online Role-Playing Games

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## WORK EXPERIENCE

**Inquidia Consulting** (acquired by Hitachi Vantara), *Business Intelligence Consultant* Chicago, IL; Aug 2016 - Jul 2017

- Self-managed 4-month client project and relationship with multiregional government education contractor
- Built open source ETL solutions with near real-time updates for clients across industries (primarily using Pentaho)
- Migrated Oracle database warehouses (one per regional environment) to Snowflake database platform
- Presented research on deep learning/neural networks & potential use cases on company-wide learning day

**SimpleRelevance** (startup acquired by Rise Interactive), *Data Science Intern* Chicago, IL; Jun 2015 - Aug 2015

- Built production-deployed Python implementations of clients' business rules into SimpleRelevance's core product, the item recommendation engine of SimpleRelevance's machine learning platform for digital marketers
- Wrote external-facing blog posts & internal guides and presented on projects to make technical knowledge about machine learning and recommendation algorithms accessible and easy to digest for marketing & business teams
- Created search classifier trained on client's user-inputted search using natural language processing insights

**Slalom Consulting, Innovation & Insights Consultant Intern** Chicago, IL; Jan 2015 - Mar 2015

- Developed insights on and provided strategic direction for social network analysis initiative to top management
  - Designed end-to-end tests for multimillion dollar client's activity-tracking web application using AngularJS
  - Built Alteryx module with 2 Information Management & Analytics consultants for firm-wide competition
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## LEADERSHIP EXPERIENCE

**Carnegie Mellon University METALS Capstone Project, Project Coordinator** Pittsburgh, PA; Jan 2018 - Present

- Works as part of master's student team to redesign large global professional services firm's training program to help employees across geographies and service areas build leadership skills for their new role
- Represents 6-person student team as main contact with client and course mentors to scope project requirements
- Coordinates Scrum process, client and course deliverables, task delegation, deadlines, and overall team health
- Supports designer, researcher, content directors, and developer to co-create strategy that meets client & team needs

**Northwestern University Archery Club, President/Founder/Webmaster** Evanston, IL; Nov 2012 - Mar 2016

- Created and presented club proposal & plan to sanction club; established 1<sup>st</sup> indoor archery range on campus
  - Worked individually with each board member to establish & delegate interest-appropriate officer responsibilities
  - Collaborated with cofounders to build community, train new board, and establish a self-sufficient and lasting club
  - Represented club and coordinated with university administration, team coaches, & local archery clubs/teams
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## SKILLS

**Technical:** SQL, Python, Tableau, HTML/CSS, JavaScript, Bash/Shell, Storyline, Captivate, Photoshop, Excel, R, Unity

**Language:** Spanish (proficient), Mandarin Chinese (proficient)

**Interests:** educational technology, games for learning, sociology, human-centered design, artificial intelligence, photography