Megan Ann Conlon

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Education

Northwestern University, Evanston, IL
B.A. in Dance and Computer Science
Anticipated June 2018
GPA: 3.71/4.0

Relevant Coursework

Design, Technology, and Research (Fall 2017)
Operating Systems (Fall 2017)
Game Development (Fall 2017)
Data Structures and Algorithms
Human-Computer Interaction
Machine Learning
Computer Systems
Artificial Intelligence Programming
Linear Algebra

Skills

Programming: JavaScript, Python, HTML5/Jade, CSS3/Sass, Git, React, Racket, C#, UNIX, C++, C
IDEs: Sublime, Xcode, Visual Studio Community, Unity, Rider
Languages: French (proficient)
Other: Illustrator, Photoshop

Awards

Northwestern University Dean's List
Northwestern Dance Program Excellence Award
Northwestern Summer Internship Grant

Profiles

megancon
meganconlon
meganconlon.com

Work Experience

Delta Lab
Undergraduate Researcher   *September 2017 - Present*
- Research metacognitive behavior tracking and learning technologies using agile development and design-based research

Techedge USA
Consultant   *Summer 2017*
- Used Node.js, API.AI, and Google Cloud Functions to develop a plant management system demo for Amazon Echo and SAP software

Northwestern University EECS Department
Peer Mentor   *Winter, Spring 2017*
- Led discussion sections and held office hours for students in EECS 111: Fundamentals of Computer Programming I and EECS 214: Data Structures and Algorithms
Grader   *Fall 2016*
- Graded essays and assignments submitted by students for EECS 101: An Introduction to Computer Science

Prof. Mark Beeman's Creative Brain Lab
Research Assistant
Northwestern University   *March – August 2016*
- Developed a script that converted compound remote association word problems into an experiment that could be run via web server
- Administered experiments on sleep and creativity under performance pressure

Activities and Leadership

Women in Computing, Member   *Winter 2016 – Present*
Graffiti Dancers, Artistic Director   *Fall 2014 - Present*
New Movement Project, PR Chair   *Spring 2016 - Present*
Kappa Alpha Theta, Member   *Winter 2015 – Fall 2016*

Projects

Teleos
React, Sass
Cross platform video analytics aggregator built as a startup with my team from NUvention Web & Media. Followed agile software development and lean startup standards and practices

EMS Response Predictor
Python
Tool that predicts ambulance response time in NYC, built using various machine learning techniques such as naïve Bayes, multi-layer perceptrons, and linear regression