

Milosz Kowal

me@miloszkowal.com • +1 (630) 447-0764 • miloszkowal.com

EDUCATION

Trinity College, Hartford, Connecticut Aug 2014 – May 2018

- Bachelor of Science (B.S.) in Mathematics, Theater and Dance, GPA: 3.7/4.0
 - Relevant Coursework: Basic Economic Principles, Analysis, Differential Equations, Chaos Theory
 - Honors and Awards: *cum laude*, Pi Mu Epsilon Inductee (Spring 2018)

Illinois Mathematics and Science Academy, Aurora, Illinois Sep 2011 – May 2014

- Received diploma.

WORK EXPERIENCE

Moody's Corporation, New York City, New York Jul 2018 – Present

- Business Analyst
 - Conduct end-to-end analysis for three natural language processing projects with respect to functional and technical requirements, data modeling, workflow design, and UI / UX.
 - Author over 100 pages of thorough, detailed, high-quality documentation of all aspects of the systems in question, including requirements, use cases, and user manuals using Atlassian Confluence.
 - Design highly usable interaction models and screens for entirely new or substantially re-imagined applications using InVision and Adobe XD.

Trinity College Information Technology Services, Hartford, Connecticut Sep 2014 – May 2018

- Head Consultant
 - Trained and evaluated over 15 new employees, analyzing performance trends using Crystal Reports.
 - Provided support on over 4,900 service requests, logging all details in SolarWinds Web Helpdesk.
 - Drafted script to automate process within network infrastructure, resulting in substantial decreases in service requests related to that issue.
 - Maintained audiovisual equipment in classrooms.

Navier, Inc., Chicago, Illinois Jun 2012 – Dec 2013

- User Interface and Experience Design Lead
 - Created platform enabling web developers to interact with consumers to improve prototype versions of apps.
 - Utilized AngularJS, CSS3, and HTML5 in constructing front-end interface for customer-facing products.
 - Designed distributed, secure infrastructure with Xen and Docker to host users' applications.
 - Consulted for the Chicago Sun-Times and Congressman Jared Polis, developing secure Bitcoin payment systems.

SELECTED PROJECTS

PyMessage - Analyzing iMessages using Python and NLTK

- Constructed library that analyzes sentiment of 200K+ text messages using Python 3.7 and NLTK 3.4.
- Future improvements include moving to TensorFlow and constructing additional training sets.
- Source code available on GitHub.

Trinity College Student Photographers (TCSP), Trinity College Oct 2015 – Jan 2018

- Founder, Chief Executive Officer
 - Employed 20 students, establishing TCSP as a premier employment opportunity for the Trinity community.
 - Provided photography and event coverage services for over 70 events on campus, providing deliverables for each event within 24 hours.
 - Managed social media accounts using Hootsuite, Mailchimp, and Later, with collective following of over 200.

LANGUAGES

English (fluent), Polish (native), French (intermediate).

SKILLS

Programming: R, PHP, MySQL, Python, HTML5, CSS3, TensorFlow, \LaTeX
Software: Adobe Photoshop, Microsoft Office, Matlab, Mathematica, Tableau, Oracle SQL Developer
Certifications: Bloomberg Market Concepts, Google Analytics

INTERESTS

Editorial photography, works of Fyodor Dostoevsky, podcast production, applied mathematics.