

Jordan Rickman

jordan.rickman.42@gmail.com • 229-548-0798 • <http://linkedin.com/in/jordanrickman>
<https://jordan-rickman.net/> • <https://uci.academia.edu/JordanRickman> • <https://github.com/JordanRickman>

Education

University of California, Irvine Irvine, CA

SEPT 2015 - JUNE 2016

PhD Informatics - Software Engineering concentration (*incomplete*)

- Coursework on contemporary issues at the intersection of technology and society.
- Coursework on principles of human-computer interaction.

Rollins College Winter Park, FL

AUG 2010 - MAY 2014

Bachelor of Arts with Honors in Mathematics

Minor in Computer Science

- Concentration in theoretical computer science and discrete math, with coursework in formal logic, graph theory, formal languages, and automata.

Projects

Geo-Poetry

RESEARCH PROJECT AT UC IRVINE

- An experiment in crowd-sourced, computer-generated poetry based on location-tagged Tweets.
- Developed a REST API in Python that integrates with 3rd-party APIs (Twitter and Spotify), and uses markov-chain text generation and sentiment analysis. Also wrote a single-page-app frontend in AngularJS.
- Available open-source at <https://github.com/UCI-TPL/geo-poetry-server> and <https://github.com/UCI-TPL/geo-poetry-demo>
- Live demo: <https://jordan-rickman.net/geo-poetry/>
- Paper accepted to 9th International Conference on Interactive Digital Storytelling.

Artificial Intelligence and Course Timetabling

UNDERGRADUATE HONORS THESIS

- Developed a novel algorithm to solve timetabling problems using graph-coloring heuristics.
- Modified a Java desktop application to use the new algorithm, including a complete redesign of the data structures and addition of caching, both needed to reduce memory usage.
- Presented work at an international conference (PATAT 2014).
- Full paper: https://www.academia.edu/25889261/THE_DESIGN_OF_A_COURSE-TIMETABLING_SYSTEM_USING_GRAPH-COLORING_AND_ARTIFICIAL_INTELLIGENCE

Work Experience

Nike Beaverton, OR

OCT 2016 – PRESENT

Senior Software Engineer

TravelClick Orlando, FL

(left to begin PhD at UC Irvine) APR 2015 – AUGUST 2015

Software Engineer

AAA National Office Lake Mary, FL

SEP 2014 – APR 2015

Programmer Analyst