

NOAH LAFFERTY

Contact noah.lafferty@gmail.com
noahlafferty.me

Links [GitHub: noahl1](https://github.com/noahl1)
[LinkedIn: noahlafferty](https://www.linkedin.com/in/noahlafferty)

EDUCATION

University of Illinois, Urbana-Champaign
BS in Computer Science • August 2018
James Scholar • 2012 - 2014

COURSEWORK

Data Structures	Computer Architecture
Theory of Computation	Systems Programming
Fundamental Algorithms	Programming Studio
User Interface Design	Languages & Compilers
Virtual Reality	Social Visualization

INVOLVEMENT

- **Reflections Projections • 2014 - 2015**
Web Chair and volunteer
– Student-run tech conference at University of Illinois
- **HackIllinois • 2015**
Lead Web Developer
– Major university hackathon with over 800 participants
- **CS 125 Course Staff • Spring 2013 - Spring 2014**
Course Assistant
– Essential intro course for CS majors
- **ACM • 2012 - Present**
Member
– Association for Computing Machinery

SKILLS

Extensive experience with
Unity • C# • HTML5 • CSS3/Sass • JavaScript • Ruby • Python
C++ • Java • jQuery • Ruby on Rails • NodeJS • MongoDB

Competence in
iOS (Swift) • OCaml • OpenGL • OpenVR
D3.js • C • Android • SQL

Frequently used tools
Photoshop • Illustrator • InDesign • Xcode • Git
Blender • IntelliJ • WordPress • Bash • LaTeX

EXPERIENCE

- **IBM • Design Intern**
Jan 2016 - Mar 2016 • Austin, TX
– IBM Design's Maelstrom internship program
– Redesigned and developed onboarding site
– Researched and designed Creative Engine, a system for building a culture of critique at a large company
- **Illicit Design • Co-Founder & Lead Designer**
Summer 2015 • Austin, TX
– Created Illicit Design, a web design agency
– Designed and built company website
- **Neutral Cycle • Developer**
Jan 2015 - May 2015 • Urbana, IL
– Developed online bicycle rental service
- **Colorable LLC • Lead Developer**
Fall 2014 - Spring 2015 • Urbana, IL
– Developed websites based on consultations with clients
- **Amazon • Software Development Intern**
Summer 2014 • Jersey City, NJ
– Member of web integration team
– Responsible for rebuilding subsidiary retail sites using Amazon's web framework
- **Pathfinder Software • Software Development Intern**
Summer 2013 • Chicago, IL
– Member of Android development team
– Developed app for Roche Diagnostics
– Analyzed codebase using Klocwork, a static code analysis tool
- **University of Chicago • Technical Assistant**
Summer 2012 • Chicago, IL
– Member of CS Department Techstaff
– Configured virtual machines on Linux computers

RECENT PROJECTS

- **Non-Euclidean Spaces in VR • url: goo.gl/vva8dw**
– Virtual reality implementation to test human perception of non-Euclidean spaces
- **Hyperflora • url: hyperflora.tv**
– Web interface for curated database of YouTube videos
- **News Tab • url: github.com/noahl1/news-tab**
– Google Chrome new tab extension displaying recent news using NYTimes API

