

Joshua Roberts

Curious builder.

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EXPERIENCE

Computer Programmer Aide

[Andersen Lab \(andersenlab.org\)](http://andersenlab.org)

📅 Oct 2015 - ongoing 📍 Northwestern University

The lab studies the genetics and genomics of complex traits. Technologies: Python, HTML, CSS, Javascript, Flask and Docker.

- Developed a browser for NILS (<http://andersenlab.org/nils>).
- Set up the database and part of the backend for the worm genomic bank: <http://elegansvariation.org/>.

Software Engineering Intern

[Inkling \(inkling.com\)](http://inkling.com)

📅 June 2015 - Sept 2015 📍 San Francisco, CA

Inkling is the all-in-one content platform that delivers business results, not files. Technologies: Scala, Play and Akka.

- Developed the Stop Words end-point for Inkling's Multilanguage Search Service.
- Engineered an error localization method within a PDF build.
- Built a Chron-job to clear our app's local index cache and improve speed and efficiency.

Development Lead

[Professor Holmes \(Powered by IBM's Watson\)](#)

📅 Sept 2014 - Dec 2014 📍 Northwestern University

Uses IBM's Watson to suggest viable and preferable courses to students: <http://course-adviser.herokuapp.com/>. Technologies: Ruby, HTML, CSS.

- Scraped data from different university departments and online course websites for Watson to learn.

EDUCATION

Bachelor Of Science in Computer Science
Bachelor Of Science in Applied Mathematics

[Northwestern University](#)

📅 Sept 2012 - June 2016

TECHNOLOGIES

Scala

Advanced



Python

Advanced



Ruby

Advanced



C

Advanced



HTML

Advanced



Java

Intermediate



CSS

Intermediate



Javascript

Intermediate



Docker

Intermediate



EXTRAS

[CODE2040 Fellow](#)

(<http://www.code2040.org/joshua-roberts>)

See Projects at: github.com/jpr71