

RYN ESCARRA CYPHER

GRADUATE STUDENT + WEB DEVELOPER

PROFILE

Budding HCI / Informatics researcher & junior full-stack web developer. I have a strong interest in projects that are integrative in theory & application and require both conceptual & analytical thinking.

Much of my work to date focuses on marginalized populations, namely older adults. I hope to expand my focus to incorporate computational modeling, health informatics, and integrative neuroscience research. I believe science, art, & technology has the power to bring about meaningful change.

I have a strong design & data science background. Adept at working independently & with diverse teams to implement projects. Eager to learn & a quick study of new technologies.

EDUCATION

M.S. HUMAN-COMPUTER INTERACTION

DEPAUL UNIVERSITY | 2017 ~

College of Computing & Digital Media

NORTHWESTERN UNIVERSITY | 2017 ~

WEB DEVELOPMENT & CS FUNDAMENTALS

School Professional Studies & McCormick School of Engineering

B.A. PSYCHOLOGY

DEPAUL UNIVERSITY | 2014 ~ 2016

College of Science & Health

GPA: 3.98 *Summa Cum Laude*

SKILLS

- HTML5 / CSS3 (*Bootstrap*) ●●●●●
- JavaScript (*jQuery*) ●●●●●
- Node ●●●●
- React ●●●
- Express ●●●
- MySQL/ MongoDB ●●●
- Python/Django ●

ADDITIONAL SKILLS

Extensive experience as project manager for large-scale research projects & interventions. Additional experience organizing a few small-scale web dev teams utilizing Agile methods.

CURRICULUM VITAE AVAILABLE UPON REQUEST

EXPERIENCE

LABORATORY MANAGER

EMOTION & COGNITION LAB | 2016 ~ 2017

- Overseeing day-to-day laboratory operations including the credit designation of ~10 research assistants
- Designing & implementing psychological & physiological experiments
- Co-managing two R01 grants (NSF & NIH)
- Conducting statistical analyses for informing experimental design, manuscript publications, and weekly presentations

REEL IT

FULL STACK DEVELOPER | 2017

- Reel It is a web app, powered by user-generated content.
- Users can search for movie data, reviews, trailers, & recommendations.
- Responsibilities: Implementing search functionality; embedding multimedia content from the YouTube, iTunes, and The Movie Database (TMDB) APIs
- JavaScript, jQuery, HTML5, CSS, Bootstrap, Firebase
- <https://reel-it.herokuapp.com/>

EAT-DA-BURGER

FULL STACK DEVELOPER | 2017

- Eat-Da-Burger! is a restaurant app that tracks customers' orders & status of consumption.
- MySQL, Node, Express, Handlebars, a custom built ORM.
- <https://rescarra.github.io/Burger/>
- <https://eat-da-burger-ryn.herokuapp.com/>

2180 MOODS

FULL-STACK DEVELOPER | 2017~

- 2180moods is a personalized, visual daily mood tracker to help regulate and optimize emotional well-being via habit formation.
- Managing workflow, version ctrl, & project objectives; MySQL DB setup & remote deployment; UI/UX; Express Routes; Login authentication; React; D3.js
- JavaScript, MySQL, Sequelize, Bootstrap; Express; NodeJS; PassportJS
- <https://moods2180.herokuapp.com/>
- v2.0 currently in development