

# Raden Tonev

(734) 262 3683 | rtonev@umich.edu

**Online Portfolio:** <http://www.radentonev.com>

**LinkedIn:** <https://www.linkedin.com/in/raden-tonev-3929b227>

## EDUCATION

### University of Michigan

Ann Arbor, MI | Class of '18

M.S.I., Human Computer Interaction

### Eastern Michigan University

Ypsilanti, MI | Class of '11

B.S., Computer Science

## WORK EXPERIENCE

### Research Assistant | Prof. Tawanna Dillahunt, UMSI

Ann Arbor, MI

Oct '16 – Now

I am a part of a cross-departmental research project that aims to enable underprivileged communities by utilizing a centralized vehicle-sharing system. I play the role of UX designer & researcher and work with the team to help such communities to rise.

- Conducted competitive analysis
- Created personas based on users and available data
- Solved design challenges that were stalling the team progress

### Research Assistant | Prof. Michael Nebeling, UMSI

Ann Arbor, MI

Sep '16 – Now

Working in a new interactive lab on topics such as ubiquitous computing, UI engineering and crowd sourcing. I am designing and architecting a tool inspired by Jarvis from the Iron Man movies. It controls all the devices in the lab and communicates with the users of the lab.

- Designed an interface to transfer content across screens
- Established continuous integration mechanism for the lab
- Integrated the work of my colleagues into single cohesive module

### Software Developer | Michigan Institute for Clinical & Health Research

Ann Arbor, MI

Mar'14 – Oct'16

Worked to aid and enhance clinical and health research. The team that I was a part of designed and developed solutions to improve recruiting clinical trials participants, scheduling patient visits, and conducting trials.

- Enhanced build automation
- Improved coding practices and use of frameworks
- Achieved service oriented architecture for existing and new projects
- Simplified interactions and improved the user interfaces

### Software Engineer | Client Network Services Inc.

Lansing, MI

Dec '11 – Mar'14

Involved in enhancing the Medicaid Management Information System (MMIS) for several state governments.

- Automated mundane tasks
- Interpreted and implemented federal policy into application.
- Enhanced documentation and team workflow.

## PROJECTS

**CourseWiz** – Since many college students experience stress and anxiety when picking which courses to take each semester, I am designing a tool that aims to help UMSI students make great course picks with ease.

**Iorio's Gelato** – I am a part of a team that is consulting for an outstanding Gelateria in Ann Arbor, MI and East Lansing, MI to help them improve their customer experience from the moment a customer walks in the store, to the time they leave. My efforts are as a UX Researcher, conducting contextual inquiry. The artifact produced as a result of our work would be a recommendation and findings report.

**scAIRed** – As a hobby project, I designed a fun puzzle game for iOS. Throughout the project, I had to wear many hats:

- Designed the game mechanics
- Created the game levels
- Wrote all the Swift source code
- Recorded and edited the character voices
- Tested the gameplay with users from the target community
- Devised the social media accounts and game website

## SKILLS

### Design

Sketching, Brainstorming, Contextual Inquiry, Interviewing, Personas, Scenarios, Storyboarding, Prototyping, Sketch App, HTML5, CSS3, Adobe Photoshop, Adobe Illustrator.

### Development

HTML5, CSS3, Bootstrap, Java, Spring Core, MVC, and Security; Hibernate, JSP, Gradle, Maven, JavaScript, jQuery, Node.js, Backbone.js, Grunt.js, iOS, Swift, TDD, Oracle, Continuous Integration, SCRUM.

## RELEVANT COURSES

Contextual Inquiry and Consulting Foundations

Intro to Interaction Design

Fundamentals of Human Behavior