MATTHEW GARVIN
CURRICULUM VITAE

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https://matthew-garvin.com

CURRENT POSITION

I am currently a 2nd year MSI at the University of Michigan School of Information; a Research Assistant for the Social Innovations Group at the School of Information; and the UI Architect and User Research intern for the NASA Human Research Program's Exploration Medical Capability team.

EDUCATION

MS   University of Michigan, Information   2021
Thesis: "Understanding HCI in human-systems integration
        to support astronaut autonomy"
Advisor: Kentaro Toyama

BA   Wayne State, Anthropology   2017
Peer mentor
Pres. Undergraduate Anthropology
Learning Community

HONORS AND AWARDS

FSEOG Grant   2013-2014
Need based

Liberal Arts Dean – Departmental Scholarship   2012-2013

Board of Governors Grant   2011-2014
Need based

Green Transfer Scholarship   2011-2013
Dr. Irvin D. Reid Honors College Transfer Program

Delegate   2006
International Scholar Laureate Program on Anthropology and Archaeology, Beijing, CH

NASA Johnson Space Center, Houston, TX   2021
UI Architect and Research intern, ExMC, Supervisor: Dr. Kerry McGuire
- Human-centered design
- Model based systems engineering

University of Michigan, Ann Arbor, MI   2020 to 2021
Research Assistant, Social Innovations Group, Supervisor: Dr. Tawanna Dillahunt
- Qualitative analysis
- Grounded theory

University of Michigan, Ann Arbor, MI   2020-2021
Master's Thesis Option, Advisor: Kentaro Toyama
- Ethnographic methods
- Participatory action research

University of Michigan, Ann Arbor, MI   2020-2021
NASA X-Hab Challenge, Advisor: Dr. Nilton Renno
- Conversation prototyping and design
- G2 programming/NASA Platform for Autonomous Systems

University of Michigan, Ann Arbor, MI   2020-2021
NASA SUITS Challenge, Advisor: Dr. Leia Stirling
- AR prototyping and design
- Human-in-the-loop simulation

Tyler Technologies, Troy, MI   2020
User Research intern, Public Safety, Supervisor: Gavin Pohl
- Usability evaluations

Wayne State University, Detroit, MI   2012-2013
Peer Mentor, Anthropology, Supervisor: Dr. Sherylyn Briller
- Mentorship
- Learning Community President

Forum on Contemporary Issues in Society (FOCIS), Detroit, MI   2012
Research Assistant, African Democracy Project, Supervisor: Dr. Ronald Brown
- Political Science research
- Ethnography

PRESENTATIONS

2020. Garvin, Matt. "Understanding the emerging role of HCI in supporting astronaut autonomy." Michigan Space Grant Consortium Fall Conference, Ann Arbor, MI.

UX Management: Strategy and Tactics, Interaction Design Foundation, 2020
Credential ID: 46349-2020-369077

Getting Started with Python, University of Michigan on Coursera, 2020
Credential ID: GE9BUSV374FM

User Research – Methods and Best Practices, Interaction Design Foundation, 2020
Credential ID: 46349-2020-379613

The Data Scientist's Toolbox, Johns Hopkins University on Coursera, 2020
Credential ID: FVK42M36YKAG

Design Thinking, Interaction Design Foundation, 2020
Credential ID: 46349-2020-292200

Designing for Augmented and Virtual Reality, Interaction Design Foundation, 2020
Credential ID: 46349-2020-355370

Python Data Structures, University of Michigan on Coursera, 2019
Credential ID: JENMFPFFHQDX

Human-Computer Interaction - HCI, Interaction Design Foundation, 2019
Credential ID: 46349-2019-217012

User Experience: The Beginner's Guide, Interaction Design Foundation, 2019
Credential ID: 46349-2019-216874

Introduction to HTML, University of Michigan on Coursera, 2019
Credential ID: B2H39TMLZYKK

Fundamentals of Graphic Design, California Institute of Arts on Coursera, 2019
Credential ID: B2H39TMLZYKK

Ideas from the History of Graphic Design, California Institute of Arts on Coursera, 2019
Credential ID: MLWC5VDWXZ6H

Introduction to Typography, California Institute of Arts on Coursera, 2019
Credential ID: B9R7V6JYFJLJ

Evaluating User Interfaces, University of Minnesota on Coursera, 2018
Credential ID: G96M53LDL2NH

Introduction to Image Making, California Institute of Arts on Coursera, 2018
Credential ID: FK4H79MCTM8Y

Introduction to UI Design, University of Minnesota on Coursera, 2018
Credential ID: U8C8E6WUCDRY

Prototyping and Design, University of Minnesota on Coursera, 2018
Credential ID: QVTD2VV8LCBU

User Research and Design, University of Minnesota on Coursera, 2018
Credential ID: 92T9ULRH7S6K

PROFESSIONAL AFFILIATIONS

Student Organization for Computer-Human Interaction (SOCHI), 2020-Present
VP, World IA Day Ann Arbor Chair

Interaction Design Foundation, 2017-Present
Ann Arbor local chapter leader

Michigan UX Professionals Association (MIUXPA), 2020-Present

PROFESSIONAL SERVICE

Conference Organizer
World IA Day Ann Arbor, 2021

LANGUAGES

English: Native Language

Mandarin: Intermediate Listener, Novice Speaker, Novice Reading and Writing

COMPUTER SKILLS

Programming: Python, R, HTML Markdown, CSS, Javascript, A-Frame, G2 (for NPAS)

Applications: Adobe CC, Substance, Office, GSuite

Platforms: Unity, Unreal, WordPress, GitHub, NPAS (NASA Platform for Autonomous Systems)

OTHER

Animal rescue, Tai Chi, Meditation, Guitar, MOOCs, Digital art, XR