

# Madeleine Hardt

✉ [hardtmad@gmail.com](mailto:hardtmad@gmail.com) | ☎ 845.490.1446  
🏠 [hardtmad.github.io](https://hardtmad.github.io) | 🌐 [hardtmad](#) | **in** [madeleine-hardt](#)

## EDUCATION

### AQUINCUM INSTITUTE OF TECHNOLOGY | BUDAPEST, HUNGARY

Post-B.A. Semester Abroad | Fall 2017

### GRINNELL COLLEGE | GRINNELL, IA

B.A. – Computer Science with honors | May 2017

Cum. GPA: 3.56 • Major GPA: 3.61

### HORACE GREELEY HIGH SCHOOL | CHAPPAQUA, NY

Diploma | May 2012

National Merit Scholar

## SELECTED EXPERIENCE

### GOOGLE

#### SOFTWARE ENGINEER - CHROME OS INFRASTRUCTURE | JUL 2021 - PRESENT

Wrote & reviewed code, tests, designs, & docs; on-call supporting Chrome OS devs

Led and landed a project reducing false rejections in presubmit

Reduced cloud storage costs by optimizing object lifecycle policies

#### ROBERT HALF ASSIGNED AT COMCAST

##### DEVELOPER II | SEP 2019 - MAY 2021

Primarily working in messaging (email, SMS, MMS) and Anti-Abuse

Developing and maintaining various apps as needed (Python, PHP, Bash, Java, etc.)

Able to quickly pick up projects & communicate with internal & ext. stakeholders

### SAWATCH LABS

#### TRANSPORTATION AND MOBILITY DATA ANALYST | JAN 2019 - MAY 2019

Developed & visualized data-driven insights for electric & traditional vehicle use

Presented findings visually and in written reports for non-technical audiences

Full-stack software dev., including DB, RESTful API, and simple UX implementation

### MORELITY

#### SOFTWARE DEVELOPMENT INTERN | JUNE 2017 - AUGUST 2017

Developed and refined client-facing app as software dev. team member

Emphasized testing MeteorJS framework with Sinon.js, Mocha, and Chai.js

Trained in basic DevOps and Data Science methodologies

### GRINNELL COLLEGE APPDEV

#### IOS DEVELOPER | JAN 2017 - MAY 2017

Developed iOS front-end for mobile applications for campus and community use

Trained in Objective-C; worked in Swift

### GRINNELL COLLEGE C.S. DEPARTMENT

#### CLASS MENTOR | AUG 2016 - DEC 2016; JAN 2017 - MAY 2017

Introductory course in C, focused on imperative problem solving & data structures

Operating systems course in C, focused on resource mgmt. & parallel algorithms

Reviewed concepts & answered questions in class, mentor sessions, & office hours

### DIGITAL BRIDGES FOR HUMANISTIC INQUIRY GRANT

FUNDED BY THE ANDREW W. MELLON FOUNDATION

#### RESEARCH FELLOW | MAY 2016 - SEPTEMBER 2016

Developed a user-friendly pipeline to make and query topic models of Twitter data to support research in the Social Sciences and Humanities

## SKILLS

### LANGUAGES:

Python, PHP, JavaScript,  
HTML, CSS, Java, C, Ruby  
on Rails, Objective-C,  
Swift, Scheme, Prolog,

### RELATIONAL AND NON-RELATIONAL DATABASES

### TESTING AND AUTOMATION

### TOOLS AND

### METHODOLOGIES:

Git, Agile practices, Pair  
programming, Unix & Bash

## SELECTED COURSEWORK

### AI WITH PYTHON

### SCALABLE SYSTEMS

### NETWORKS

### SEMANTIC & DECLARAT- IVE TECHNOLOGIES

### DATA VISUALIZATION

### ANALYSIS OF ALGORITHMS

### COMPUTATIONAL COM- PLEXITY & AUTOMATA

### OPERATING SYSTEMS

### OBJECT-ORIENTED DESIGN

### IMPERATIVE PROBLEM SOLVING & DATA STRUCTURES

### FUNCTIONAL PROB- LEM SOLVING

### COMBINATORICS (PROOF-BASED)

### LINEAR ALGEBRA (PROOF-BASED)