

Simon Ever-Hale

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EDUCATION

OBERLIN COLLEGE

Expected Graduation: Dec 2017

GPA: 3.85

BA IN COMPUTER SCIENCE

Major GPA: 4.0

BA IN MATHEMATICS

Major GPA: 4.0

AIT BUDAPEST

COMPUTER SCIENCE PROGRAM

Aug 2016 - Dec 2016 | Budapest,

Hungary

GPA: 4.0

LINKS

<http://simoneverhale.com>

[Github://severhale](https://github.com/severhale)

COURSEWORK

UNDERGRADUATE

Systems Programming

Algorithms

Theory of Computer Science

Programming Abstractions

Computer Architecture

Game Design

Android Software Development

User Interface Design

Data Mining

Optimization

Information Theory

Linear Algebra

Seminar in Mathematical Modeling

Group Theory

SKILLS

LANGUAGES

Java • Python • JavaScript • HTML •

CSS • C • C# • C++ • Scheme

FRAMEWORKS/OTHER

Vim • Node.js • React.js • Processing •

Unity • Android • Scikit-learn

EXPERIENCE

ECOHACKERFARM | SOFTWARE ENGINEERING INTERN

May 2017 - Aug 2017 | Heiligengrabe, Brandenburg, Germany

- Initiated and led development of an open-source project for planning a garden using permaculture principles
- Created a full-stack web application according to customer specifications
- Project is still being actively developed as of 8/25/2017

TECHNION UNIVERSITY | GRAPHICS DEVELOPMENT INTERN

Jan 2016 - Feb 2016 | Haifa, Israel

- Developed an extension for the 3d modeling software GUnit to display the current orientation in space
- Extension is now used by faculty and staff at the university

HAMPSHIRE BICYCLE EXCHANGE | BIKE MECHANIC AND SALESPERSON

Jun 2015 - Aug 2015 | Amherst, MA

- Built new bicycles, repaired used bicycles and assisted customers

OBERLIN CENTER FOR INFORMATION TECHNOLOGY | HELPDESK CONSULTANT

Jan 2015 - Current | Oberlin, OH

- Assisted students and faculty with computer problems
- Used previous support experience to assist people with Windows problems which would not normally be supported by the Oberlin IT department

RESEARCH

UMASS AMHERST | DATA SCIENCE REU RESEARCH INTERN

May 2016 - Aug 2016 | Amherst, MA

- Developed a machine learning model in Python to detect and extract individual poems from OCR-scanned books
- Compared various machine learning models and features, primarily using the Scikit-learn library

ORGANIZATIONS

Member Computer Science Majors' Committee 2016-2017

EXHIBITS

Organizer & Artist	Oberlin CS Community Art Show	2015, 2016, 2017
Artist, Main Exhibit	Bridges Math Art Conference	2016

PUBLICATIONS

How to Draw a Line	Bridges Math Art Conference	2017
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