

# Joshua W. Natis

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github.com/joshnatis | josh8.com

## EDUCATION

**Hunter College CUNY — B.A. Computer Science — GPA 3.74**

**Expected: May 2022**

- Intended Minors in **Mathematics** and **Logic**
- **Secretary** and **Founding Member** of **Open Source Club**
- **Honors and Scholarships:** Sage Honors Scholar Cohort, NYC Council Merit Scholarship, Dean's List
- **Relevant Coursework:** Software Analysis and Design I & II\*, Computer Architecture I\*, Discrete Mathematics, Calculus I & II, Matrix Algebra\*, Intro to Applied Statistics, Intro to Computer Science

## SKILLS

Programming Languages	<b>C++</b> , <b>Python 3</b> (NumPy, Matplotlib, Pandas), <b>Unix Shell</b> , Java
Markup Languages	<b>HTML &amp; CSS</b> , <b>R Markdown</b>
Operating Systems	<b>Mac OS X</b> , <b>Arch Linux</b> , Manjaro Linux, Ubuntu Linux
Tools	<b>git</b> , <b>vim</b>
Software	<b>Logic Pro X</b> , <b>Adobe Photoshop</b> , Microsoft Office (Certified)
Human Languages	Russian (Native), Spanish (Conversational)

## PROJECTS

**teapot, a command line music player** — [shell] **Sept. 2019**

- <https://github.com/joshnatis/teapot>

**Personal Website** — [HTML, CSS, JS, R Markdown] **Apr. 2019**

- <https://josh8.com>

**linkMappa, an Interactive Recycling Bin Location Map @ HackAttack** **Nov. 2018**

- <https://msalamonski.github.io/linkmappa/>
  - Demoed the project and won 1st place in the Community Connected category!

**Kepler254, a Visual Novel/Game @ HackCooper** **Oct. 2018**

- <https://davidy9000.github.io/HackCooper2018/>

**Abstract Art Generator** — [python3] **July. 2018**

- <https://corduroy.trinket.io/sites/random-abstract-art-generator>

## WORK EXPERIENCE

**Synechron Inc. — Intern** (Data Science Department) New York, NY **July 2018 - Aug. 2018**

- Learned Python under the Data Science research team, used multiple Python modules such as NumPy, Matplotlib and Pandas
- **Projects:** International Space Station tracker using unofficial NASA APIs, Abstract art generator using the Turtle graphics module

**James Madison High School — Tutor** (Project Support) New York, NY **Mar. 2018 - June 2018**

- Worked with many non-native English speakers, tutored: algebra, geometry, trigonometry, calculus, English, Spanish, biology, Java, US history, global history, assorted AP class curriculums

**Synechron Inc. — Intern** (Java Department) New York, NY **July 2017 - Sept. 2017**

- Tested company chatbots, entered data into spreadsheets, researched Machine Learning and Artificial Intelligence to prepare for building a working chatbot

**Trader Joe's — Crew Member** New York, NY **July 2016 - Sept. 2016**