

Jonathan Nieblas



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Education

B.S. Computer Science
Minor in Mathematics

Metropolitan State University of Denver

Major GPA: 3.63/4.00

Overall GPA: 3.19/4.00

Graduated: May 17, 2019



Skills

Languages

Java, Python, JavaScript, CSS3, HTML5,
SASS, Lisp

Frameworks

Django, Express.js, Node.js

Tools

Docker, Git, Slack, Trello, Subversion

Platforms

Windows, Linux/Unix, Mac

DBMS

MySQL, MongoDB

Software

Microsoft Office, MySQL Workbench,
DB Browser, Nmap, PuTTY

Interests

Software Engineering, Cyber Security,
Computer Networks, Algorithm Design,
Web Development, Scripting



Projects

HPotter (*Python, Docker, SQL, Trello, Git, Arcadia Data*)

- A mid-level honeypot designed and created by my senior project team of five.
- Utilizes SSH, Telnet, and HTTP to imitate a machine on a network that is vulnerable and ready to be hacked.
- Reports attacks to a SQL database, allowing for querying and analyzation of data via a dashboard interface.

Algs (*Node.js, Express.js, Git, Python, CSS3, HTML5, SASS*)

- A fun, small project that I'm continuing to build.
- Provides calculators and explanations for a selection of algorithms from my Algorithm Analysis course.
- Featured algorithms include Karatsuba multiplication, dynamic programming, and branch and bound.

P11 (*Java, Git*)

- A functional language influenced by Lisp and built by my Programming Languages (course) team of six.
- Tokenizes, parses, and evaluates REPL commands, as well as user-defined functions.
- Contains more than twenty built-in functions, including basic arithmetic and logic functions.



Experience

Banquet Server – Westin, Westminster, CO

May 2017 - Present

- I operate in a large team of servers, chefs, and coordinators on banquets ranging in size from 10 to 600 + people.
- Banquets are highly volatile, requiring that I be adaptable towards sudden changes and unforeseen predicaments.
- I often help in designing and implementing banquets.

Parks Laborer – City of Broomfield, CO

May 2013 – October 2015

- I maintained more than 15+ parks as a mow crew member.
- I self-managed my task list each day.
- I helped to train new teammates during my last 2 seasons.