DAVID KREIS

Home Address: 1194 Spruce Ct, Northfield, MN 55057 | **School Address:** 1115 8th Ave. #3829, Grinnell, IA 50112
Email: kreisdavid@gmail.com | **Cell:** 612-615-4228 | **Personal Website:** https://kreisdavid.github.io
GitHub: https://github.com/kreisdavid | **LinkedIn:** https://www.linkedin.com/in/kreisdavid

Education
Grinnell College, Grinnell, Iowa   Expected May 2018
      Bachelor of Arts in Computer Science. GPA: 3.32/4.00
      Relevant Coursework:
            Algorithms and Object-Oriented Design, Imperative Problem Solving, Functional Problem Solving,
            Operating Systems and Parallel Algorithms, Software Development, Computer Networks
Northfield High School, Northfield, Minnesota   June 2014
      Highest Honor Graduate
      AP Scholar with Distinction

Skills
Programing Languages: C, C++, Scheme, Java, Python, SQL
Software Applications: Microsoft Office, Eclipse, Xcode, GIMP, IDLE
Operating Systems: Windows, OS X, Linux
Natural Languages: English (Native), Spanish (Intermediate)

Experience
Technology Consultant, Grinnell College   September 2015 – Present
- Assisted users in connecting to network drives, network printing, and other troubleshooting issues.
- Reimaged college owned computers for student or faculty use.
Computer Specialist, HOT Geeks LLC, Northfield, MN   May 2015 – August 2016
- Diagnosing and repairing computers, networks, mobile devices, audio and video equipment.
- Managing shop independently, including technical work, invoicing, and finalizing work orders.
- Required great interpersonal communication in attentively working with end-users.
- Completing computer repairs and off-site tickets in a timely manner.
- Required critical thinking for over-the-phone diagnosis and repair.
- Coordinating and performing house calls, prepared for unique situations and solutions.
- Working daily with Microsoft, Apple, and Linux systems.
Student Publications and Radio Committee Treasurer, Grinnell College   September 2014 – May 2016
- Managed the allocation and use of $250k/year by college publications and radio station.
- Conducted audits to ensure proper use of allocated funds.
Sport Program Supervisor, Northfield Community Services, Northfield, MN   June 2012 – August 2014
- Created a curriculum for leading programs to teach baseball, soccer, and ultimate Frisbee to elementary aged children.

Projects
Web Server Chatbot (Python)   May 2016
- Searches for keywords in user input to create a response mimicking Grinnell College's President.
- User chats are stored in a database; users can access their chat logs with a username and password.
- Program uses Tornado Web Server, AlchemyAPI, and BlitzDB
Iterated Prisoner's Dilemma Program (Java)   September 2015
- A program to participate in an Iterated Prisoner's Dilemma tournament.
- Program was designed to recognize patterns and select the optimal move based on the opponent's strategy.
Customizable Fantasy Football Draft Board (Python)   August 2014
- Designed to be projected in place of a whiteboard or large sticker board at in-person fantasy football drafts.
- Customizable and color coded, with additional features such as viewable on multiple devices in real time yet to come.