Fahad Hassan

240-475-0489
Fha423@terpmail.umd.edu

EDUCATION

University of Maryland, College Park   College Park, MD
B.S in Computer Science   Expected Graduation May 2017
B.S in Geographic Information Science   Expected Graduation May 2017

SCHOOL PROJECTS

Scheme Interpreter   **2015**
- Created a parser that translates a plain text scheme program into an abstract syntax tree and an evaluator that executes the code represented in the abstract syntax tree.
- Developed in Ocaml

FTP Server Security   **2015**
- Used security methods such as blacklisting to remove bugs on a FTP server.
- Developed in Ruby

Regular Expression Interpreter   **2015**
- Implemented a Nondeterministic Finite Automata that evaluates regular ruby expressions.
- Developed in Ocaml

Census Community Center Map   **2014**
- Analyzed and created a map which displayed the total population of people ages 5 to 14 years old within 4 miles of each community center in Prince Georges County Maryland.
- Developed in ArcGIS

COMPUTER AND TECHNICAL SKILLS

Programming Languages
Intermediate
- Java, C, Ruby, Ocaml, Prolog

Familiar
- Python, Scheme

Operating Systems
- Windows, Ubuntu, Max OSX

Other Computing Knowledge
- ArcGIS, Matlab, Y86 Assembly, Command Line Proficiency, Microsoft Office
- Adobe Photoshop, Illustrator, Corel Painter

WORK EXPERIENCE

Securitas Security Services, Inc. USA   May 2013 - Present
Professional Security Officer at Verizon Communications Data Center   Silver Spring, MD
Main post orders:
- Utilized sophisticated surveillance to monitor access and detect incidents.
- Authorized site clearance for contractors who worked under various tech companies such as HP, EMC, and Oracle.

May 2008 – May 2012
Silver Spring, MD

Community Volunteer
- Served in a nonprofit, 501C (3) organization
- Volunteered in various public speaking and youth recreational events which provided a friendly and productive environment for families in the Silver Spring MD area.