

674 Delsea Dr
Pitman, NJ 08071
Cell: (908)–399–7913
<https://jahschwa.com>

Joshua Haas
Customer Service, Haddonfield
haas.josh.a@gmail.com
<https://github.com/TheSchwa>

----- PGP Fingerprint -----
60A7 73A8 DF2B 80EE B290
DF98 6920 BCE8 D08F 0764
<https://keybase.io/jahschwa>

Objective

To gain additional experience in Customer Support with Linux, programming, and development practices in preparation for a software development role. Eventually, to develop for production systems so I can turn to friends and say “hey, check this out; I coded this and people use it!”.

Programming

- Actively work with – Python, Linux, Bash, Git
- Familiar with – Matlab, C, Java, HTML, CSS, C++, LaTeX, JavaScript, Doxygen, MySQL

Linux

- Used and maintained Ubuntu as my primary OS for 5 years now on multiple systems
- Maintain an Ubuntu server at <https://grandline.jahschwa.com> (it’s a Linode)
 - Running: lighttpd, mumble, postfix/dovecot/spamassassin, prosody, tinc, lets-encrypt
- Familiar with: ifconfig, mtr, dig, ping, netstat, telnet, strace, route, openssl
- Active on the AskUbuntu StackExchange (2,365 rep.) <https://askubuntu.com/users/205638>

Employment

Jun 2014 to Aug 2014	Research Assistant ; Rowan University; Glassboro, NJ Did Machine Learning work in MATLAB, co-authored a conference paper
Apr 2011 to Aug 2013	Crew Member ; McDonald’s; Clinton, NJ Worked register and drive-thru, constantly interacting with customers

Education

May 2015 to Jan 2016 GPA: 3.90 / 4.00	Rowan University; Glassboro, NJ Graduate work in Electrical and Computer Engineering (incomplete) Research Focused on Machine Learning and Concept Drift
September 2011 to May 2015 GPA: 3.89 / 4.00	Rowan University; Glassboro, NJ BS in Electrical and Computer Engineering Minor in Computer Science, Concentration in Honors

Notable Schoolwork

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|--|----|
| • Clinic Consultant I | A |
| ◦ Project: lab website http://grandline.jahschwa.com/~kiosk | A |
| • Operating Systems (theory) | A- |
| • Grad – Advanced Cryptography (theory and Java) | A |

Github Projects – <https://github.com/TheSchwa>

- sibyl – an extensible python chat bot originally intended for use with XBMC/Kodi
 - Currently supports: CLI, Socket, E-Mail, XMPP, Matrix (partial)