

Developer – Communicator – Doer

Education

2015–2019 **BS–Computer Science, Mathematics**, *Purdue University*, West Lafayette, IN.
Specialization: Database and Information Systems, Machine Intelligence
Pursuing Entrepreneurship Certificate
Recipient of the Purdue University Presidential Merit Scholarship
Relevant Course Work, CS251 - *Data Structures and Algorithms in C++*, CS250 - *Computer Architecture*, CS240 - *Programming in C*, CS180 - *Programming in Java*, ENTR 200, *Entrepreneurship*.

Projects

gsh/mysh, C, github.com/osterhagen/gsh-mysh.
Created 2 shells with different memory allocation structures, both fully compatible and compilable from basic Unix/Linux OS while supporting all Unix Terminal commands.
Email Server, Java, github.com/osterhagen/Email_Server.
Created a command line style email server that could store password protected emails using different internal storage mechanisms that had a level of security while still being to be SQL friendly.

Work Experience

Summer 2015 **Research Internship**, *Angelhack*, San Francisco, CA.
Assisted in the development, revision, and execution, of the main submission system used for Angelhack hackathons.
2014-2015 **Web Developer**, *OPEN SV (Organization of Pakistani Entrepreneurs)*, Sunnyvale, CA.
Worked on front-end development platforms for multiple event websites along with beefing up back-end architecture to accommodate the eventbrite submission systems.

Technical Experience

Programming / Scripting Languages.
Proficient: C/C++, Java, Assembly LaTeX, SQL, HTML/Jade, CSS/SASS, JS Framework
Familiar: Node.js, Angular.js, Python, Ruby/Ruby on Rails
Programs / Systems / Frameworks.
Procient: Linux /Unix Framework, IntelliJ, CLion, Raspberry Pi Architecture/ Raspbian, Bloomberg Terminal, Android Studio, Git/GitHub.io, Visual Studio Code
Familiar: Mac OS Framework, SublimeChrome Apps, AWS, Wordpress API, OPENGltut

Non-Technical Experience

2016-Present **Treasurer**, *BoilerMake Executive Board (Purdue's Collegiate Hackathon)*.
2016-Present **Sponsorship/Partnership Comittee Member**, *BoilerMake Executive Board*.
2013-2015 **Chairman of Board – Youth Initiative**, *OPEN SV*.
o Recipient of the Certificate of Recognition by the Executive Committee
2015-2016 **Assembly-member**, *Purdue RHA (Residence Hall Association) Legislative Branch*.
2015-2016 **Issues and Facilities Committee member**, *Purdue RHA (Residence Hall Association)*.