

DYLAN JOHNSON

422 South 1200 East apartment A ◇ Salt Lake City, Utah 84102 ◇ April, 2018

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EXPERIENCE

SATCOM and Special Programs, L3Harris

Software Engineer

June 2018 - Present

Salt Lake City, Utah

- Software Engineer for communications programs for the Department of Defense.
- Possesses an active SECRET security clearance.

Platform Group, Ancestry.com

Software Developer

March 2017 - May 2018

Lehi, UT

- Assisted teams with migration and trouble shooting in a Docker/Kubernetes environment.
- Implemented tools for deployment and resource management in Kubernetes.
- Implemented and optimized tools for logging and monitoring in Kubernetes.
- Stayed current with the latest features in Kubernetes to optimize our current system and add new abilities to developers.

Infrastructure as a Service Team, Ancestry.com

Software Engineering Intern

February 2016 - March 2017

Lehi, UT

- Assisted teams with migration and trouble shooting in a Docker/Kubernetes environment.
- Implemented tools to ease deployment and resource management in Kubernetes.
- Implemented and optimized tools for logging and monitoring in Kubernetes.
- Stayed current with the latest features in Kubernetes to optimize our current system and add new abilities to developers.
- Helped reimplement a core backend service in Go.

Search User Interface Team, Ancestry.com

Software Engineering Intern

May 2015 - February 2016

Provo, UT

- Worked under the SearchUI team of Ancestry.com, and other teams when necessary.
- Assisted with the development of new production level code, improved site performance, and fixed bugs.
- Contributed to the development of new services and features, such as the pagination widget.
- Development in JavaScript, C#, SQL, Visual Studio 2013, Windows 7.

Emerging Analytics Center, UALR

Software Engineering Intern

October 2014 - May 2015

Little Rock, AR

- Worked under Dr. Carolina Cruz-Neira, the inventor of the CAVE system.
- Used Unity 3D C# for 3D programming and model manipulation.
- Used OpenCV (used OpenCvSharp to integrate with C#) for computer vision applications.

Search User Interface Team, Ancestry.com

Software Engineering Intern

June 2014 - August 2014

Provo, UT

- Worked with a team of engineers to remove and update an old and restrictive codebase.
- Used C#, ASP.NET MVC3, Microsoft SQL Server, Visual Studio 2012, Team Foundation Server, Windows 7 to develop software.
- Used the SCRUM agile software development framework.

EDUCATION

Utah Valley University

August 2015 - December 2017

Graduated with B.S. in Computer Science: Computer Science emphasis and Mathematics Minor

GPA: 3.65

Courses: Compiler Construction, Computer Networking, Advanced C++, Numerical Programming, Python, Statistics, Analysis of Programming Languages, Advanced/High Performance Architecture, Object Oriented Design Patterns, Ordinary Differential Equations, Analysis of Algorithms, Abstract Algebra (Group Theory), Software Foundations (independent study), Modern Algebra (Group Theory and Ring Theory), Artificial Intelligence.

University of Arkansas, Little Rock

August 2014 - May 2015

B.S. in Computer Science (no degree)

- Courses: Language Structure, Computer Systems and Assembly Language, Linear Algebra, Operating Systems, Databases, Theory of Computation.

Arkansas School for Mathematics, Sciences, and the Arts

August 2012 - May 2014

High School Graduation

Third place Intel International Science and Engineering Fair project in Materials Engineering at the local level for my research on the optimization of aluminum can camping stoves.

Courses: AP Calculus AB, Calculus 2, Calculus 3, Advanced placement Physics C Mechanics, Advanced Placement Physics C Electricity and Magnetism, Computer Programming 1, Computer Programming 2, Data Structures and Algorithms, Introduction to Web Application Development, Discrete Mathematics.

ONLINE

- **Linkedin**
- <https://www.linkedin.com/in/DylanJohnson1>

TECHNICAL STRENGTHS

General Programming

Currently Used Languages: C++ and Unix Shell Scripting
Experience With: C, C++, Java, Python, Rust, C#, Javascript, Go, L^AT_EX
Version Control Systems: Git
CI/CD Systems: Jenkins

Development Enviromnents

IDEs: Visual Studio
Text Editors: Emacs, VI.

Operating Systems

Unix: Linux and MacOS

Miscellaneous

Qualifications: An active SECRET security clerance