

Eric Willoughby

Software Engineer II

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https://ericww32.github.io/Willoughby_About/

Experience

L3Harris Technologies (Formerly Harris Corporation) **Software Engineer II**

Rochester, NY / Melbourne, FL - Jan. '19 - Present

- Obtained a Public Trust Clearance.
- Attended daily standup meetings, weekly/monthly team meetings and partook in technical engineering meetings (TEM).
- Maintained a software baseline and strategies for managing multiple baselines in Git.
- Supported all phases of the software lifecycle, including software architecture, coding, unit testing solutions, integration, building and deploying releases, debugging and full documentation.
- Designed, wrote, and reviewed code in Java, Python, Javascript, TypeScript, Bash, Yaml, JSON, Perl, HTML, etc.
- Peer reviewed work via BitBucket, Crucible or Code Collaborator and recommend architecture and process improvements.
- Ensured that products were delivered and met customer requirements and specifications.
- Communicated with leadership on status, issues, milestones, and successes.
- Utilized my skillset for organization, problem-solving, and communication.
- Analyzed problems to drive down to the root cause of problems.
- Worked on Linux based OS's such as RedHat, CentOS and Ubuntu.
- Integrated off the shelf (OTS) software from various sources.
- Created API's for various projects to connect to and utilize.
- Worked remotely from home as needed.

SoundWire Records

Android Developer Intern : Orlando FL - Dec. '17 - May '18

- Designed an app/website to promote products.
- Developed communication techniques in advertisement.

Pivot Business Consulting

Software Developer Intern : Orlando, FL - June '16 - Mar. '17

- Built a website, InternPursuit.com, for management of student interns for small businesses.
- Participated in client conferences.

Education

Overall GPA: **3.4**

University of Central Florida - Dec. '18

Bachelors of Applied Science

- **Degree:** Software Development

Valencia College - Aug. '16

Associates in Science

- **Degree:** Computer Programming and Analysis
- **Certificates:** Computer Programming and Analysis, Website Development Specialist and Data Specialist

Skills:

Programming Languages

- C/C++, Java, Python, JavaScript, HTML, CSS, Bash, PHP, XML, SQL, Swift, Groovy, TypeScript, Perl, Yaml, GoLang

Libraries, Frameworks and APIs

- JUnit, Express.js, Node.js, NestJS, Swagger, JavaDoc, JavaFX, Swing (Java), Hibernate, Django, Google Maps, Google Charts, JQuery

Tools

- **Version Control:** Git, SVN, Bitbucket, GitHub, TortusSVN
- **Office:** Jira, Confluence, MS OneNote, MS Office, Outlook, Teams, Zoom, FaceTime
- **Build Tools:** Jenkins, Ansible, Ant, Chef, Gradle
- **Database:** Oracle Database, PostgreSQL, MySQL, SQLite, MongoDB
- **Review:** Crucible, Code Collaborator
- **IDE:** Xcode, Android, Eclipse, Atom, VS Code, MS VS
- **OS:** MacOS, Windows, RHEL, CentOS, Ubuntu, Gnome, Fedora
- **Other:** Docker, VirtualBox, Apache Web Server, FileZilla, Postman, Tomcat, SSL, RabbitMQ

Highlights:

Valencia Technology Club

President, VP, & Treasurer 2014-15

- Held events and meetings to bring the tech community at Valencia College together.

VAVF (Visual aid volunteers of Florida) May '15 & May '16

- Informed elderly about new technology and how to use it. Topics included cloud computing and Windows 10.