

Adrian D. Finlay



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Objective: *To obtain an entry level software engineer role or software developer internship.*

Education

B.S. Information Sciences & Technology (IST), The Pennsylvania State University, University Park, PA, 16802

Major Concentrations: Software Design & Development, IT Integration & Application

Unfinished: Completed ~60% of required credits towards Bachelor of Science degree.

Oracle Certified Associate, Java SE 8 Programming, 06/10/2018, **87%**, Certificate: <https://bit.ly/adfOCAJP>

Oracle Certified Professional, Java SE 8 Programming, **expected 10/2018.**

Oracle Certified Professional, Java EE 7 Application Developer, **expected 12/2018.**

Experience

Paid Writer

Medium Corporation

09/25/2017 - Present

- Founder, Principal Editor at The Java Report (<https://medium.com/the-java-report>), 08/2018 - Present.
- Top Writer in Medium's Technology Section (2x) for Nov-Dec '17 and Aug'18 - Present; Amassed over 160,000+ views across platforms, several thousand claps and other engagements to present. **Blog:** <https://medium.com/@afinlay>.
- Wrote 25 Technical articles (~44K words) covering UNIX, C++, Java, C#, Python, JavaFX, and more. Writer for JAXEnter, DZone, HackerNoon, Noteworthy-- The Journal Blog, freeCodeCamp, self & more. Featured by Reddit (r/java), JetBrains(August Annotated Monthly & Blog), Dreamix, InfoQ, Feedly, and several others. Articles have been translated to (and featured in) German with plans to additionally translate to Spanish.
- Featured by Oracle official Java twitter (6x) for articles on Annotations, Local Variable Type Inference, & Scripting.

Corp. Liaison/Finance Chair (2x):

National Society of Black Engineers (PSU Chapter)

05/2012 - 05/2016

- Partnered with 30+ Companies to raise/manage a record breaking \$35,000 during first term (2012-2013), Introduced "Post-Interview" Workshop sponsored by Johnson Controls (Spring 2013)
- Led 3-Man NSBE Team to victory at 2013 Spring Black Caucus Debates; Made new corporate partnerships. E-Board "Member of the Year" during term II (2015-2016); Taught weekly Programming Workshop (Matlab/C++) (Spring 2016)

Treasurer

College of IST, PSU Consulting Club

04/2013 - 04/2014

Program Assistant

Multicultural Engineering Program orientation, PSU/Nucor Corporation

08/2012

Administrator, Moderator

Java/JavaFX Software Development Group (Facebook Group)

08/2017 - Present

Technical Projects

EmeraldFX

A cross platform web browser written with JavaFX.

Python, Jython, Java, JavaFX

OnyxFx

Desktop, Mobile Application; Web API returning NBA® player statistics as JSON.

JavaFX, Spring

C++17 Examples

Cmake source repository for C++17 examples on personal blog.

C++, Clang, GCC, Cmake

Personal Homepage

Maven repository for my personal homepage.

JEE7, Bootstrap, HTML/CSS

Java Annotations

Gradle repository for annotations examples on personal blog.

Java, Reflection, Annotations

Constructor References

Gradle repository for Java 8 examples on personal blog.

Java 8

java.lang.Object.finalize()

Source code for Java 11 demonstrating finalize() & MVC architecture.

Java 11

RepMaxCalculator

JavaFX Application calculating bench, deadlift, and squat NSCA® max reps.

Java 9, JavaFX9

Lambda Expressions

Showcases use of Lambda Expressions in C#, Java, C++, & Python.

Functional Programming

IT Case Project

Co-lead, Vendor Compliance Review/Request for Proposal: IST 302/Ernst & Young case project.

The **source code** for my projects (22 in total) can be found on <https://github.com/afinlay5>, <https://gist.github.com/afinlay5>

The **repository** for my Ernst & Young IT Case Project can be found at http://www.adriandavid.me/projects/IST302_EY_PROJ.zip

Technical Skills

Programming Languages, Database Software

- Adept: **Java SE 11**; Proficient: **C++17**, **Python 3.4**, **Jython 2.7**, **C#7.2**, **SQL:2011**
- Working Exp. With: HTML5, CSS2, XML, **Scala**, R, Bash Script; MySQL, PostgreSQL

Frameworks / APIs

- Facebook Graph API, **Java Enterprise Edition, 7** (JEE7) (Servlet, JSP, JSF JAX-RS, EJB, Web Sockets, JDBC, JPA, CDI), various Standard Language APIs, various others.

Paradigms/Concepts

- OOP/OOA/OOD, UML, Functional Programming (novice), Procedural, Imperative design; RESTful Web Services

Developer Software & Platforms: IDEs, Build Tools, Application Servers, Etc.

- Software: git, Gradle, Maven, cmake, Eclipse, IntelliJ, Netbeans, Heroku, Apache Tomcat/TomEE PluME, Postman, various text editors & IDEs.
- Platforms: Microsoft Windows; BSD; macOS/iOS; Linux Mint/Ubuntu/Debian; Fedora/CentOS; openSUSE; Android.

Recognition & Miscellaneous

- **Deloitte Mentorship Program** (Fall 2012, 2014)
- **MEPO Leadership Scholarship** Aug '12; **NSBE/Cisco Acad. Excellence GPA Scholarship** Spring '12
- Member of AITP, HackPSU, PSU MISA, Code for Fort Lauderdale; **HackPSU Spring '17 Hackathon Participant**
- Proficient in reading & writing **Spanish language**; Intermediate in oral Spanish communication.