Dillon S. Farber
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Clearance: Top Secret/SCI: June 2012; (Inactive)   CI Polygraph: May 2013
AVAILABILITY: Flexible   Location: New Braunfels, Tx

Tools and Coding Languages

Java, C, C++, Kotlin, Android, Python, JS, Android Studios, VS Code, Eclipse, Git, GitHub, Pandas, Machine Learning in Python, Jupyter notebooks, (some) IOS-XCode

Skills

- Coding and Programming skills through 4-year education at Texas State University.
- Linux and shell environment knowledge, such as scripting and file management.
- Software development cycles.
- OOP in C++, Java, Python
- MySQL experience in Software Engineering project

Education

Bachelor of Science / Major: Computer Science   Jan 2020-Dec 2022
Texas State University

- Professional coding ethics and practices.
- Knowledge and implementation of OOP, Data Algorithms and structures.
- Software Development course and project development, with software techniques.
- C and shell scripting, and file management in Linux systems.
- GUI design principles with connections to backend development process.
- Created a Library System with access to MySQL connections with relational databases connected to determine checked out items, by whom they were checked out, and a waitlist.
- Machine Learning Techniques and Skills

Professional Experience

Technical Report Planner 1 (TS/SCI Clearance)   Sep 2018-May 2019
Raytheon

- Data trend analysis, looking for unusual or new patterns. Writing technical reports on data changes and trend meanings.

Advanced Signals Analyst (Technical Analyst) (TS/SCI Clearance)   Dec 2015-Aug 2018
Electronic Intelligence Branch-NSA/CSS Colorado

- Used complex data sets to write technical reports for large data sets that have exhibited new or unusual patterns.
- Updated national level databases with complex data set that showed changes to better understand and easily search possible interests.

Manual Collection Operator (TS/SCI Clearance)   Nov 2012-April 2016
Electronic Intelligence Branch-NSA/CSS Colorado

- 24/7 watch position, reporting on possible complex data sets to be further analyzed for technical reporting and database updates.
- Performed tasks to look for interests and events of data sets to be reported on.

Links

o   LinkedIn: https://www.linkedin.com/in/dillon-farber-625254146/

- GitHub: https://github.com/DillonFarber