

# HARRY G. DULANEY IV

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## EDUCATION

### Georgia State University

B.B.A in Computer Information Systems

*Concentration: Application Development*

**Relevant Coursework:** Application Programming in Java, Mobile App Development, Cloud App Development, Database Management Systems, AI and Machine Learning, Programming for Data Analytics

**Honors:** President's List | Dean's List | National Honor Society

**Certifications:** LinkedIn Java Certificate | LinkedIn CSS Certificate | LinkedIn OOP Certificate | HackerRank Java Badge: 4 Stars

## SKILLS

**Programming Languages:** Java SDK 8, J2EE, JavaFX, SQL, XML, Python, PowerShell, JavaScript, , Git, CSS, HTML5

**Professional:** Business Communication, SDLC, Waterfall, Agile, Independent Learning, Open-Source, Team SW Development

**Tools:** Spring, Spring Boot, JPA, Eclipse EE, MySQL, GitHub, MongoDB, Junit, Maven, Visual Paradigm, Android Studio, Postman

**Technical:** Software Architecture, RESTful Web Services, Data Analysis, AI and ML, Data Structures, Database Design

## PROJECT EXPERIENCE

### Contact List Android Mobile App ([github.com/harrydulaney/Contact-List-Android](https://github.com/harrydulaney/Contact-List-Android))

*Fall '19*

*Mobile Application Development Project*

- Developed with Java in Android Studio (Gradle)
- Constructed XML layouts and coded controllers
- Built JDBC connection with SQLite database
- Created a Swift iOS app version using XCode
- Implemented GCP for Maps API and geolocation
- Programmed permissions to access phone hardware

### MS-Excel Companion Applications ([github.com/harrydulaney/SuperCommanderV2](https://github.com/harrydulaney/SuperCommanderV2))

*Summer '19*

*Personal Passion Project's*

- Constructed Spring application service architecture
- Configured H2 in memory database with JPA
- Programmatically integrated Spring and JavaFX
- Developed using Enterprise IDE's and Maven
- Designed business logic to convert file formats
- Created data structures to map spreadsheet cells

### Flight Reservation System ([github.com/harrydulaney/Flight-Reservation-System](https://github.com/harrydulaney/Flight-Reservation-System))

*Spring '19*

*Application Programming Final Project*

- Collaborated using Git for version control
- Programmed database connectivity with JDBC
- Applied Java 8 SE in full-scale business application
- Led team through SDLC, from UML to presentation

## WORK EXPERIENCE

### Pivotal Predictions

**Remote from Atlanta, GA**

*Software Developer Intern*

*April '19 – Current*

- Wrote PowerShell and Python scripts for AWS interfacing software
- Developed algorithms and routines to process data into S3

### Norfolk Southern SIMS

**Atlanta, GA**

*Software Engineer Intern*

*Canceled Due to COVID-19*

### Iron Capital Advisors

**Atlanta, GA**

*Technical Analyst Intern*

*May '19 - August '19*

- Developed and configured a system for auto-populating Microsoft Excel documents
- Utilized advanced Microsoft Excel functions to perform and simplify data entry tasks
- Managed SQLite database of sensitive client investment data

## LEADERSHIP EXPERIENCE

### Association of Information Systems

*Active Member*

- Contributed to events and workshops to support community of information systems professionals