

# HARRY G. DULANEY IV

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## EDUCATION

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### 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

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**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, IntelliJ, Eclipse EE, MySQL, GitHub, MongoDB, Junit, Maven, Visual Paradigm, Postman

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

## PROJECT EXPERIENCE

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### 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 Java application with Spring architecture
- Multi-threaded Services w/ Java concurrency library
- Programmatically integrated Spring and JavaFX
- Maven for dependency management and build cycle
- Utilized Spring Batch to handle file conversion jobs
- 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

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### Pivotal Predictions

*Software Developer Intern*

**Remote from Atlanta, GA**

*April '20 – Current*

### Norfolk Southern SIMS

*Software Engineer Intern*

**Atlanta, GA**

*Canceled Due to COVID-19*

### Iron Capital Advisors

*Technical Analyst Intern*

**Atlanta, GA**

*May '19 - August '19*

- Configured scripts to automate the population of Excel spreadsheets with SQLite data
- Utilized advanced Microsoft Excel functionality to perform and simplify data entry tasks
- Managed SQLite database of sensitive client investment information

## LEADERSHIP EXPERIENCE

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### Association of Information Systems

*Active Member*

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