DONAVAN
BROOKS

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OBJECTIVE

Gain a full-time position in the software engineering field after graduation in May 2018

EDUCATION

Iowa State University| Software Engineering (Senior)　　　　　**August 2014 – May 2018**
Cumulative GPA: 3.63
- College of Engineering Dean's List: Fall 2014, Spring 2015, Spring 2016, Fall 2016 and Spring 2017
- Recipient of Ross White Engineering Scholarship

EXPERIENCE

Software Development Intern | Leidos　　　　　**May 2017 – August 2017**
- Developed bash script to simulate the transferring of information at different baud rates on VM for testing purposes
- Navigated and debugged a 1 million line of code C++ project to implement previously attempted prototype
- Used C++ to do prototyping for the UI of the software that controls the Air Traffic for the lower 48 states

Software Test Engineer Intern | Enstrust Datacard　　　　　**May 2016 – August 2016**
- Used Geb and Selenium to write automated test cases for soon to be released software
- Developed a web event listener that used javascript to automatically wait for browser web pages to be loaded to fix unpredictable timing errors in automated testing
- Participated in the Agile development process, through stand-ups and scrum meetings
- Used Jira and Stash in order to create and track issues

SKILLS

- Experience in Java, C, Javascript, PHP, Geb, Selenium, Heroku, Git, Jira, MySQL, PostgreSQL, and Stash
- Some knowledge in Android Studio, iOS, MongoDB, C++ and Python
- Leadership and teamwork demonstrated through work and team projects

ORGANIZATION AND INTERESTS

- National Society of Collegiate Scholars　　　　　February 2015 - Present
- Hack ISU　　　　　September 2015 - Present
  - Recipient of Rockwell Collins Innovation Award: Spring 2016
- Black Student Alliance　　　　　September 2014 - Present

PROJECTS

Typo　　　　　February 2016
- A java security key logger that learns your typing pattern through constant use and will lock a person out if the pattern does not match.

Robostock　　　　　February 2017
- A genetic algorithm used to find the optimal traits for a trade bot, tested with 10+ years of stock data