Nate Browne

acsweb.ucsd.edu/ nbrowne | github.com/nate-browne | https://www.linkedin.com/in/nate-browne
natebrowne@outlook.com | 949.275.0097

EDUCATION

UC SAN DIEGO
BS in Computer Science/Cognitive Science
Expected June 2020 | La Jolla, CA
Cum. GPA: 3.11 / 4.0

NOTABLE COURSES

UNDERGRADUATE
Data Science in Practice
Advanced Data Structures
Intro to Machine Learning
Statistical Methods
Systems Programming

SKILLS

PROGRAMMING LANGUAGES
Comfortable with:
Java • Shell • C • C++
Visual Basic • Python • ARM Assembly
LATEX
Familiar with:
ReactJS • Android • MySQL • R and R Studio

TOOLS
Git • Visual Studio • Debugging software (GDB, Valgrind) • UNIX • IntelliJ

PROFESSIONAL
Public speaking • Coordinating events

EXPERIENCE

UCSD CSE DEPARTMENT | Undergraduate TA
January 2018 – Present | La Jolla, CA
- Undergraduate TA for CSE 11 (Intro to Object-Oriented Programming), CSE 12 (Basic Data Structures), CSE 15L (Software Tools and Techniques), and CSE 30 (Computer Organization and Systems Programming) with Gary Gillespie and Rick Ord.
- Created and proctored exams; graded assignments, quizzes, and exams; and held tutoring hours
- Languages used: C, C++, Java, ARM Assembly, BASH scripting

SURVEYMONKEY | Software Engineer Intern
June 2019 – August 2019 | San Mateo, CA
- Team TBD.

SERVICENOW | Software Engineer Intern
June 2018 – August 2018 | La Jolla, CA
- I worked on the core platform development team and wrote benchmarking software and integration tests as well as fixed reported problems in the platform in Java.

PROJECTS

Interval Identifier
- I made an application using the Java swing library and JFugue to play musical intervals on demand. There is a text version and a GUI version available for usage in all situations.

Languages/Tools Used:
Java

Music and Data
- Worked with a team on a quarter long Data Science project analyzing trends in the Billboard Hot 100 regarding song popularity.
- I was tasked with writing the code necessary to download, compile, parse, and clean the data.

Languages/Tools Used:
Jupyter Notebooks, Python, matplotlib, Pandas

SurfReportBot
- I used Python to make a bot that, when I open a terminal window, will give me the latest surf report from whichever spots I want.

Languages/Tools Used:
Python