JONATHAN
GRIDER

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Education

Purdue University, West Lafayette, IN   May 2019

Senior - Bachelor of Science in Computer Science   GPA: 3.37

Experience

Software Engineering Intern – ECS Solutions, Inc. – (**SQL, Python, Java**)   May – August 2017

- Developed a streamlined and automated performance appraisal system that improved efficiency when performing employee reviews.
- Designed a modular and secure SQL database for storing performance review data.
- Increased productivity and reduced data generation overhead by more than one hour per employee.

Teaching Assistant – Purdue University – (**Java, JUnit, MOSS, Scrum**)   August 2016 – Present

- Instructed and assisted students to further their knowledge and understanding of object-oriented programming.
- Designed and implemented programming assignments and exams to help students develop and improve their coding abilities.
- Led groups of students in scrum-based software engineering teams

Mentor – Purdue CS Mentor Program   August 2016 - Present

Projects

"BickerQuicker" (2018) – **Swift, Xcode**

- iOS application developed to let users decide who is right in an argument.
- Utilizes **Cocoa Pods** and a **Parse** backend running on **Heroku**.

"diff prez" (2017) – **HTML, CSS, JavaScript, Bootstrap, Github, Java, Atom**

- A web-based application that enables users to query topics and compare the positions and policies of the Obama and Trump administrations.

Activities & Awards

USB Demo Day 2nd place (2018), Dean's List (Fall 2016 – Present)

10 year 4-H Member, EMV Leadership Retreat, Capital One CODERS

Clubs: Purdue Hackers, iOS Dev Club

Languages & Technologies

- Programming Languages: Java, Swift, BASH, SQL, C, HTML, Python, C++,
- Technologies: Docker, Jenkins2.x, Git & Github, Xcode, Office, Ignition, Atom, Vim