Justin Schneider

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 Justin-Schneider

 https://justin-schneider.github.io/portfolio/

EDUCATION

- **University of South Carolina** — Columbia, SC
  Bachelor of Science in Computer Science; Major GPA: 3.526 — *Aug. 2014 – May. 2018*
  - Applied Area of Study: Scientific computing and Bioinformatics
  - Relevant Coursework: Data Structures and Algorithms, Mobile App Development, Database System Design, Visualization Tools, and Operating Systems

EXPERIENCE

- **University of South Carolina** — Columbia, SC
  Teaching Assistant — *Aug 2017 - Present*
  - Assisted more than 30 students in writing basic Java programs, and learning IDEs (Dr. Java and Eclipse).
  - Java programs covered variables, branching statements, loops, arrays, objects, inheritance, polymorphism, encapsulation, exceptions, and File IO.
  - Enforced Googles Java Style Guide to help students write readable code

PROJECTS

- **Capstone project - Hydration Manager**:
  - A web application for USCs Athletic Department to transfer their existing pencil and paper system to a more modern method of tracking players weight gain/loss as well as hydration levels.
  - Developed with Meteor, React, and MongoDB

- **Ionic App - HealthTrack**:
  - A Mobile App made with USC's Backers and Hackers for a group of students at Richland Two Institute of Innovation (R2i2).
  - The App helps companies track there employees health, such as hydration levels, calories intake, steps taken, and heart rate.
  - Developed with Ionic, Typescript, and Parse (Back4App)

- **D3.js Visualization - Peer to Peer Lending**:
  - A data visualization using Lending Tree's peer to peer lending data to show the average loan amount, the average loan interest, and the average debt to income ratio of all fifty states before and after the 2007 - 2009 recession.
  - Developed with D3.js, HTML, and CSS

- **Java - TA programs**:
  - Java programs used while being a teaching assistant to help students understand object oriented programming.
  - Developed with Java

PROGRAMMING SKILLS

- **Languages**: Java, C++, MySQL, JavaScript, HTML, CSS

- **Tools and Frameworks**: Git, React, Meteor, Ionic, MongoDB, Node.js, Datagrip, Intellij, WebStorm