

# Robert Boespflug

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## PROFILE

- **Software Engineer** with proven track record of delivering software projects using **JavaScript**
- Four years of **full-stack development** experience using **Node.js** and **React**
- Four years of development experience with emphasis on **scalability** and **reusability**
- View source code from projects on my GitHub profile at [github.com/rboesp](https://github.com/rboesp)
- View my **personal website** made with React at [rboesp.github.io/pwr/](https://rboesp.github.io/pwr/)

### Top Skills:

- Frontend frameworks – **React**
- Backend development – **NodeJS**
- Relational / Non-relational Databases – **MongoDB and MySQL**
- Data Structures and **Algorithms**

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## EMPLOYMENT

### **TA, Tutor - Full Stack Coding Bootcamp, University of Washington**

2019 – Current

- Teach modern full-stack development, covering all aspects of web development including: Front-end development, back-end development, REST API development, relational and non-relational databases, browser compatibility, mobile compatibility, version control, and much more
- Enrich the student experience by simplifying complex topics into easy to absorb material
- Lead practice sessions and create videos dedicated to algorithms & data structures
- Mentored over 120 aspiring developers into becoming full-stack engineers

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## SOFTWARE PROJECTS

### **Shared Blackboard**

- Developed a server where people can draw on a canvas together online
- Designed to be responsive to mobile and desktop devices
- Use here: [shared-blackboard.herokuapp.com/](https://shared-blackboard.herokuapp.com/)
- Utilized: Node.js, Express.js, Socket.IO

### **Moving bubble chart**

- Created an online visualization to highlight GDP vs life expectancy around the world from 1975-2020
- Designed to be responsive to mobile and desktop devices
- Use here: [rboesp.github.io/Interactive-Visualization/](https://rboesp.github.io/Interactive-Visualization/)
- Utilized: Node.js, Express.js, Chart.js

### **Network Pong**

- Developed a game server to play pong with anyone over the internet
- Designed to be responsive to mobile and desktop devices
- Play here: [networking-pong.herokuapp.com/](https://networking-pong.herokuapp.com/)
- Utilized: Node.js, Express.js, Socket.io

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## EDUCATION

### **B.S. Computer Science, GPA 3.60**

Graduated 2019

- Oregon State University, Corvallis, OR

**Programming Coursework:** C / C++, Algorithms & Data Structures, Operating Systems, Networks, Parallel programming, Node.js