

Andy Dufresne

Headed for the Pacific

Basics

- Computer Science major with strong foundation in data structures, algorithms, and software development
- Pixel perfect full stack web developer, specialised in creating high-quality, visually appealing websites
- Experienced in databases (SQL, NoSQL), familiar with server-side technologies (Node.js, Express, etc.)
- Team player, with detail-oriented mindset and a keen eye for design and user experiences

Education

- Sep 2016 – Jul 2020 **Bachelor, Computer Engineering and Computer Science, Score: 3.8, University of Southern California,** <https://www.cs.usc.edu/>
- Developed proficiency in programming languages such as Java, C++, and Python
 - Gained hands-on experience in software development through various projects and assignments
 - Strong communication and teamwork skills acquired through group projects and presentations
- Courses:** Discrete Methods in Computer Science, Programming Language Concepts, Data Structures and Object-Oriented Design, Operating Systems, Computer Architecture, Database Systems, Computer Networking, Introduction to the Theory of Computing

Work

- Dec 2022 – Present **Senior Software Engineer, PPRResume, <https://ppresume.com>**
- Developed and implemented efficient and scalable code, ensuring high-quality and maintainable web applications
 - Collaborated with cross-functional teams to gather project requirements and translate them into technical solutions
 - Conducted thorough testing and debugging to identify and resolve any issues or bugs in the software
 - Actively participated in code reviews, providing valuable feedback to improve code quality and adherence to best practices
 - Mentored and guided junior developers, fostering a collaborative and growth-oriented team environment
- Keywords:** Scalability, Growth, Quality, Mentorship
- Sep 2020 – Dec 2022 **Software Engineer, PPRResume, <https://ppresume.com>**
- Created reusable React components to ensure code efficiency and maintainability
 - Integrated with RESTful APIs to fetch and display dynamic data on the frontend
 - Implemented client-side routing using React Router for smooth navigation between pages
 - Actively participated in Agile development methodologies, attending daily stand-up meetings and sprint planning sessions
- Keywords:** RESTful, React, Agile

Languages

- English Native or Bilingual Proficiency **Keywords:** TOEFL 110, IELTS 7.5
- Chinese Elementary Proficiency

Skills

- Web Development Expert **Keywords:** Python, Ruby, CSS, React, JavaScript
- DevOps Intermediate **Keywords:** Python, Kubernetes, Docker, Shell, Ansible
- Design Intermediate **Keywords:** Sketch, Figma, Photoshop

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