Andy Dufresne

Headed for the Pacific

(213) 555-9876 | hi@ppresume.com | https://ppresume.com/gallery
123 Main Street, Sacramento, California, United States, 95814
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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

University of Southern California https://www.cs.usc.edu/
Bachelor, Computer Engineering and Computer Science, Score: 3.8 *Sep 2016–Jul 2020*

- 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

Senior Software Engineer https://ppresume.com
PPResume *Dec 2022–Present*

- 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

Software Engineer https://ppresume.com
PPResume *Sep 2020–Dec 2022*

- 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
Chinese: Elementary Proficiency

Keywords: TOEFL 110, IELTS 7.5

Skills

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

Awards

Dean's List
University of Southern California *Oct 2016*
Awarded to students who achieve a high academic standing by maintaining a specified grade point average (GPA) during a semester.

Certificates

AWS Certified Developer - Associate https://aws.amazon.com/certification/
AWS *Mar 2021*

Publications

Enhancing Human-Computer Interaction through Augmented Reality https://dl.acm.org/journal/tiis
ACM Transactions on Interactive Intelligent Systems *Dec 2017*

- Explores the potential of augmented reality (AR) in improving interaction between humans and computers
- Highlights benefits of AR in various areas such as gaming, education, healthcare, and design
- Discusses challenges and future directions of AR technology in enhancing user experience

References

Dr. Amanda Reynolds Computer Science Professor
amanda.reynolds@usc.edu *(555) 123-4567*
Andy Dufresne shows exceptional problem-solving skills and a solid understanding of programming concepts, he would bring immense value to any team or organization he becomes a part of.

Projects

EduWeb https://www.eduweb.xyz/
A web-based educational platform for interactive learning *Sep 2016–Dec 2016*

- Designed to enhance online learning experiences
- Facilitates students' engagement and collaboration through interactive features and user-friendly interface
- Offers a wide range of courses across various subjects
- Aims to improve the way students learn through the power of the web

Keywords: Education, Online Learning, HCI

Interests

Sports: Soccer, Swimming, Bicycling, Hiking
Music: Piano, Guitar

Volunteer

Tech Mentor https://www.usccsesociety.org/
USC Computer Science and Engineering Society *Sep 2015–Jul 2023*

- Volunteered as a Tech Mentor at USC Computer Science and Engineering Society
- Provided guidance and assistance to fellow students in their technical projects and coursework
- Assisted in organizing workshops, coding competitions, and networking events for the society members
- Contributed to fostering a collaborative and supportive environment within the student community