Andy Dufresne │ Headed for the Pacific

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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
○ Experiened 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

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Work

PPResume   https://ppresume.com

Senior Software Engineer   *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: Scalibility, Growth, Quality, Mentorship

PPResume   https://ppresume.com

Software Engineer   *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

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

ACM Transactions on Interactive Intelligent Systems   **https://dl.acm.org/journal/tiis**

Enhancing Human-Computer Interaction through Augmented Reality   *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   **(555) 123-4567**

Computer Science Professor   *amanda.reynolds@usc.edu*

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

USC Computer Science and Engineering Society   **https://www.usccsesociety.org/**

Tech Mentor   *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