YU ZHOU

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EDUCATION

UNIVERSITY OF COLORADO BOULDER   2012 - May '17 | Boulder, CO
- Bachelor in Computer Science, GPA: 3.5.
- Master Level Courses: Machine Learning | Data Mining | Design and Analysis of Algorithms | NLP with Deep Learning|
Network System | Compilers | Artificial Intelligence: Principles and Techniques|.

TECHNICAL SKILLS

- **Languages(Proficient)** :   Python, JavaScript, C++, C#, Java
- **Libraries/Platforms:**   Node.js/Express, Django, Flask, jQuery, React.js,
- **Data/Databases:**   MongoDB, MySQL, Machine Learning, Spark
- **Cloud Platforms:**   Amazon Web Servies, Google App Engine, Heroku

PROFESSIONAL EXPERIENCE

SYNOPSYS, *Software Engineering Intern*   Pres. | Mountain View, CA
- Creating an automation system that facilitates internal projects' approval process.
- Designing a system API and a user interface for the automation.

FREELANCER.COM, *Full Stack Developer*   Jan – July '17 | Hayward, CA
- Used the Python/Django and Node.js/Express to build applications for clients with 5/5 satisfaction rate.
- Used Graphic design and typography to design websites, logos, and branding systems.

SERENITY FORGE STUDIO, *Software Engineering Intern*   Jan – May '16 | Boulder, CO
- Coded Pixel Galax in C#, a game that was showcased at *Smithsonian Institute* in 2016.
- Collaborated with a team of 15 people to create the King's Bird, a game was later featured by GameSpot.
- Refactored the code of a NES game from C to C# to be supported with WII.
- Made Pong in Unity and Snake in Java as personal projects.

INTERNATIONAL ENGLISH CENTER, *Computer Technician.*   May - July '15 | Boulder, CO
- Built an internal website with Python (Flask) that allowed the staff to report computer malfunctions.
- Worked as a Computer Technician and an administrative staff to serve a department of 200 staffs.
- Managed 250 students' confidential information with a value of more than $3,000,000.

INDIVIDUAL PROJECTS

YELPCAMP, *Full Stack Developer*   May 17' – Pres.| Hayward, CA
- A yelp-like social network website for users to rate campground.
- Technologies used: Node.js/Express, MongoDB, BootStrap, RESTful routing, Passport.js, Heroku.

LEAGUEME (Senior Project), *Full Stack Developer*   Feb – May 17'| Boulder, CO
- A website that allows League of Legends players to improve gaming skills by analyzing their game play data.
- Technologies used: Python, Flask, JavaScript, Riot Games API, LogoJoy

BOBUDDY, *Full Stack Developer*   Jan - Mar '17 | Boulder, CO
- A location-sharing web application that allows board-game lovers to connect with each other.
- Technologies used: Node.js/Express, MongoDB, RESTful routing, Semantic-UI, Photoshop

WOLFKING, *Director/Backend Developer*   Aug - Dec '16 | Boulder, CO
- A ecommerce site that allows university students to register for the Werewolf board-game tournament.
- Raised over $1000 (Exceeded budget by over 120%) through fostering relationships with the CSSA (Chinese Students
and Scholars Association) and securing corporate sponsorship
- Technologies used: Python, Django, Stripe, BootStrap, Heroku

UNI. OF COLORADO, SCIENCE DISCOVERY *Frontend Developer*   Mar - May '16 | Boulder, CO
- A static website gives a quick access to essential information at the Science Discovery program.
- Technologies used: Jekyll, GitHub Pages, JavaScript