Ryan Milkovits

Past entrepreneur and UCSD CS Graduate looking for job immediately

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EXPERIENCE

Entrepreneur, San Diego, CA · 7/2017 - 8/2018

Designed and obtained patent pending status for a medical device to help combat the United States' opioid epidemic. Also created a proof-of-concept prototype and completed business documents including the business plan, pitch deck, and elevator pitch.

Undergraduate Researcher, Supercomputer Center, San Diego, CA · 5/2017 - 6/2017

Worked with the streaming data architecture for environmental, drone, and Twitter data coming into WIFIRE, a rapid wildfire prediction model.

Head Tutor, Software Engineering, University of California San Diego, CA · 1/2017 - 6/2017

Under direction from Professor Gary Gillespie, created and updated weekly technology labs which give many students their first interaction with continuous integration, virtual machines, Docker containers, Kubernetes, Firebase, and the Android Framework. Also maintained course website using HTML, CSS, and JavaScript and remotely managed server hosting course files.

Software Integration Intern, Science Applications International Corporation (SAIC), San Diego, CA · 6/2015 - 9/2015

Using the Ruby on Rails framework, developed an internal CRM Tool to optimize proposal-tracking process for government contracts with a small intern team (2 others) corresponding with project manager in Alabama. Managed CentOS server remotely, set up continuous integration with Jenkins and GitLab. Under direction of VP of Cloud Operations, John Coble, authored a white-paper which includes functional requirements, user stories, test cases, and a scorecard for the evaluation of 3 Platform as a Service (PaaS) options.

EDUCATION

University of California, San Diego August 2012 - June 2017

Graduated with a BS in Computer Science (with a 3.5 overall GPA and a 3.7 Major GPA]). Served as VP of the Chess Club at UCSD, as well as President & Founder of the Drone Club at UCSD.

SKILLS

Software Development

Web development

Business documentation

Office App. (Word, Excel, etc.)

Programming Languages: C, C++, Java, Python, etc.

Agile Development Process

ACCOMPLISHMENTS

Conducted Thermal Pulse-width Setting (TPS) reliability testing, ultimately leading to a 20% increase in printhead lifespan when an intern at D&K engineering over summer 2017.

Obtained funding to cover tournament entry fees for ~15 members of the Chess Club at UCSD in the Dreaming King Open

Projects

Upsilon Med. Corp

Obtained patent pending status after writing and submitting patent application. Completed business documents (business plan, multiple pitch decks, elevator, etc.) and began funding search. Plan to take this product to market in roughly 9 months.