Auguste Pugnet

Rust Software Developpers
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Summary

I am the best candidate for the job because of my skills in robotics and programming. I have a proven track record of being a hard worker and getting results. I am also a generalist, which means I have a wide range of skills that can be applied to many different situations.I am a highly skilled and motivated individual who is always looking for new opportunities to learn and grow. I am a quick learner and have a strong work ethic. I am also a great team player.

Skills

Python • Rust • C • 3d modeling • Robotics Engineers • Leadership • 3d printing • Emacs

Work Experience

AI Researcher
Sep 2022 – present

Stealth Start Up • Full-time

San Francisco, United States

Technologies: Python • Jupyter

Stealth.

Rust Frontend Developper
Jul 2021 – Sep 2022 • 1 yr 2 mos

Worldcoin • Full-time

San Francisco, United States

Technologies: Rust • C • Protocol Buffers (Protobuf) • Python • CI/CD

Worldcoin is a new, global digital currency that will be distributed fairly to as many people as possible. Worldcoin will launch by giving a free share to everyone on Earth. We hope to give billions of people, from all over the world, equal access to one collectively owned, decentralized network. In doing so, we hope to accelerate the transition towards a more inclusive and prosperous global economy.

Engineering Team | Optics
Jul 2020 – Jul 2021 • 1 yr

Worldcoin • Full-time

San Francisco, United States

Technologies: Python • 3d modeling • Contract Negotiation • Optics • Emacs

I was part of the team that designed the Worldcoin iris scanning system - the most advanced scanner of its kind. My responsibilities included deigning a custom camera lens with liquid lens autofocus, managing a team of 7 people and designing the aiming/focus/exposure controller for the imaging unit. The system can image a person's irises in less than 10 seconds from a distance of 20 to 60cm, and track the user's eye for continuous imaging using a gimbal mechanism with optical quality 100x better than the Aadhar project.

The system is now in production and is being used by millions of people on a portable device all over the world.

Robotics Internship
Apr 2020 – Aug 2020 • 4 mos

Amazon • Internship

Remote

Technologies: Python • C • MATLAB • Ros

I have worked closely with Amazon robotics fulfilment center, and have spent time improving the Kiva robot motion and optimising its behaviour. I was responsible of managing and deploying new robotic technologies across Europe.

Projects

Founder - UCL Expedition Society

Jun 2019 – Jun 2020 • 1 yr

4 coworkers

Technologies: Survival • Exploration • Leadership • Entrepreneurship

I founded the UCL Expedition Society, which brought students together through their shared passion for adventure and exploration. I am always seeking to push my own boundaries and test my limits, and have done so through a number of different challenges and expeditions.

- At 16, I cycled 5,500km across Europe, sponsored by Imperial College's expedition board.
- At 17, I kayaked down the Danube river, averaging 80km per day for more than 8 weeks.
- At 18, I walked through the Moroccan desert on foot.

I shared my passion for camping and outdoor activities through leading weekend camping trips and physical challenges.

Head of Management - UCL Robotics Society

Sep 2018 – Sep 2019 • 1 yr

3 coworkers

Technologies: ROS • Arduino • C++

I was the head of management for the UCL Robotics Society. In this role, I was responsible for overseeing the society's operations and ensuring that everything ran smoothly. I also provided support and guidance to the society's members, helping them to develop their skills and knowledge in robotics.

Educations

Master's degree: Computing Science

Sep 2020 – Sep 2020 •

Imperial College London

United Kingdom

- Dropped

Bachelor's degree: Mechanical Engineering with Robotic as minor

Sep 2017 – Jul 2020 • 2 yrs 10 mos

University College London

London, England, United Kingdom

Grade/GPA: 4.0

- 2017-2020 BEng Mechanical Engineering, University College London, England.
- Key Modules: Machine Learning, Mathematics, Robotic System (ROS), Dynamics, Control,Materials, Thermofluid, Thermodynamics, Plasticity, Elasticity, etc.

French Baccalaureate: Scientific Section

Sep 2014 – Jun 2017 • 2 yrs 9 mos

Lycee St Marie Aubagne

Aubagne, France

Grade/GPA: 4.0

2014-2017 French Bacalaureate (Scientific Section with Physics as Major) 17.42/20, South of France.

- Physics (20/20), Chemistry (20/20), Math (19/20), Biology (19/20)

Languages

French (Native or bilingual proficiency)

English (Native or bilingual proficiency)

Spanish (Limited working proficiency)