Ferdinand Loesch

ABOUT ME

iOS/MacOS Developer skilled at technical leadership, communication and presentations. Experienced in full stack developmet.

INFO

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SKILLS

- Swit
- C++
- Python
- Objective-C
- Java
- Sketch
- Xcode
- UI UX design
- Advanced problem solving skills
- Excellent attention to detail
- Public speaking

ACCOMPLISHMENTS

- Winning the first price at MLH Prime Europe 2017 hackathon with "Automated Search System"

- Hack Oxford 2017 best IOT hack prize winner

- Tech crunch disrupt Berlin hackathon 2017 Esri prize winner

- Head developer of winning team at the 2016 London incubateX hackathon.

- Winner of the 2015 Milton Abbey School entrepreneur in residence prize

- Awarded the Gresham's Rix Computer Prize and The Martin Burgess Prize for Inventive Ability by Anne, Princess Royal
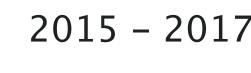
EDUCATION

2017 to date University – Oxford Brookes: Computing for Robotic Systems

2015 – 2017 Gresham's Senior School 2017 – A-Levels
A Design and Technology: Product Design
A Photography
C Physics

2013 – 2015 Milton Abbey School – GCSEs

WORK

Mar 2016 to date

iOS Developer
Freelancing
- Designed and developed intuitive user interfaces using Sketch.
- Experience with integrating real-time communications capabilities in my apps using Firebase and PubNub APIs
- Modified existing sotware to correct errors, adapt to new hardware and improve performance.
- Developed code fixes and enhancements for inclusion in future code releases and patches.
- Debugged and modified sotware components.
- Maintained existing applications and designed and delivered new applications.
- Implemented Search Engine Optimizations to improve search results.
- Led groups of 5 engineers in the design, and development of Swit-based sotware solutions for multiple hackathons.

Jul 2016 – Aug 2016

Intern at Voxeljet for Sales and Marketing
Paul-Lenz-Straße 1a 86316 Friedberg, Germany
- Implemented innovative systems for data collection, storage and management of customer orders.
- Collaborated with product management to design, build and test 3D printing systems.
- Assessed costs and risks associated with developing new features and products.
- Assisted with sales of 3D printing systems to companies such as BMW.
- Assisted marketing by developing implementing analytical capabilities for the company website and analysing the resulting data.

Sept 2015 – Dec 2015

FLOC Innovations
Cromer Rd, Holt, Norfolk NR25 6EA United Kingdom
My friend and I built a company as a result of a school competition. The competition was based on which group of students would be able to achieve the largest sales and revenue through a school year. FLOC innovations was the result of this competition. A main customer focus was the UAV/drone hobbyist by selling robotic accessories, such as retractable landing gear which were deployable by communicating with the flight controller. This would send a signal for deployment when the system was close to the ground. We have sold over 100 of those systems, as well as countless other accessories which I have designed and manufactured with my personal 3D printer.