



ABOUT ME

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

INFO

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Grambow,
Mecklenburg-Vorpommern

SKILLS

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

ACCOMPLISHMENTS

- Apple inc. scholarship Recipient for the WWDC 2018
- Winning the first prize 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.
- Awarded the Gresham's Rix Computer Prize and The Martin Burgess Prize for Inventive Ability by Anne, Princess Royal

Ferdinand Loesch



EDUCATION



2017 to date University – Oxford Brookes: Computing for Robotic Systems
Current GPA 4.0



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 software 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 software 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 Swift-based software 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.