



# David Falces Montón

📍 **Home** : Copenhagen, Denmark

🌐 **Website**: <https://david.falces.eu> 📄 **GitHub**: <https://github.com/DavidFalces>

🌐 **LinkedIn**: <https://www.linkedin.com/in/davidfalces>

🐦 **Twitter**: <https://twitter.com/DavidFalces>

**Gender**: Male **Nationality**: Spanish

## ABOUT ME

I'm currently studying the MSc in Computer Science at the IT University of Copenhagen. Originally from Barcelona, Spain, I obtained my BSc in Computer Science from the Polytechnic University of Catalonia. During my bachelor degree I specialised in Software Engineering. I also spent an exchange semester in Denmark, which convinced me to do my MSc in Copenhagen. I'm a native speaker of Spanish and Catalan, and I have a C2.1 level of English.

## WORK EXPERIENCE

[ 09/2023 – Current ]

### Student Worker

**Motorola Solutions**

**City**: Copenhagen

**Country**: Denmark

## EDUCATION AND TRAINING

[ 08/2023 – Current ]

### Master of Science in Computer Science

**IT University of Copenhagen** <https://en.itu.dk/Programmes/MSc-Programmes/Computer-Science>

**Address**: Rued Langgaards Vej 7, DK-2300, Copenhagen S, Denmark

**Type of credits**: ECTS **Number of credits**: 120

[ 09/2019 – 06/2023 ]

### Bachelor Degree in Informatics Engineering - Specialisation in Software Engineering

**Facultat d'Informàtica de Barcelona - Universitat Politècnica de Catalunya**  
<https://www.fib.upc.edu/en/studies/bachelors-degrees/bachelor-degree-informatics-engineering>

**Address**: Campus Nord, C/Jordi Girona Salgado,1-3, 08034, Barcelona, Spain

**Type of credits**: ECTS **Number of credits**: 240

4-year-long BSc, as it is standard in Spain.

[ 08/2022 – 02/2023 ]

### Erasmus exchange at Denmark while doing the Bachelor Degree in Informatics Engineering

**IT University of Copenhagen** <https://en.itu.dk/>

**Address**: Rued Langgaards Vej 7, DK-2300, Copenhagen S, Denmark

**Type of credits**: ECTS **Number of credits**: 30

[ 05/2020 – 07/2020 ]

### HTML, CSS, and JavaScript for Web Developers

**John Hopkins University / Coursera** <https://www.coursera.org/learn/html-css-javascript-for-web-developers>

[ 09/2021 – 06/2022 ]

### **ACLES English Certificate: CEFR Level C2.1**

*Escola d'Idiomes Moderns - Universitat de Barcelona* <https://www.eim.ub.edu>

**City:** Barcelona, Catalonia

**Country:** Spain

[ 09/2020 – 06/2021 ]

### **ACLES English Certificate: CEFR Level C1**

*Escola d'Idiomes Moderns - Universitat de Barcelona* <https://www.eim.ub.edu>

**City:** Barcelona, Catalonia

**Country:** Spain

[ 2019 ]

### **Integrated Skills in English II: CEFR Level B2**

*Trinity College London* <https://www.trinitycollege.com/qualifications/english-language/ISE>

[ 09/2017 – 06/2019 ]

### **High School Degree in Science**

*Col·legi Claret de Barcelona* <https://www.claretbarcelona.cat>

**City:** Barcelona, Catalonia

**Country:** Spain

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Spanish , Catalan

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **PROJECTS**

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[ 29/04/2022 – 01/05/2022 ]

### **LoPibe (at HackUPC 2022)**

- Developed a web-based casual word game.
- Developed in a team of four in the 36 hours that the hackathon lasted.
- Technologies used: HTML, CSS, JS, Java, MySQL, Tomcat, Git and GitHub.
- Won the second prize of IThinkUPC's challenge, which was to make a web-based casual game.

[ 23/10/2022 – 24/10/2022 ]

### **MonoCat (at Hackathon #ComprometidosPorElFuturo Boehringer Ingelheim)**

- Developed a mobile application to monitor and improve a pet's health.
- Developed in a team of four during the hackathon.
- Technologies used: Java, Android Studio, MySQL, Git and GitHub.

[ 02/2022 – 06/2022 ]

### **RevPollution**

- Developed an app that shows the current air pollution, as well as historical data, forecasts and personal statistics for each user.
- Developed in a team of seven during a university course, using Agile methodologies.
- Technologies used: In the frontend: Flutter, Dart, Google Maps SDK, Google Maps Places API and Google Authentication API; in the backend: Ubuntu Server, Java, Jersey, Tomcat, JUnit and MySQL; in both: Git and GitHub.
- The project was marked with an 8.9/10 in the course.

[ 02/2022 – 06/2022 ] **Social News Website**

- Developed a website where users can post news and comments to these, mimicking aesthetic and functionalities of the "Hacker News" website.
- Developed in a team of four during a university course.
- Technologies used: Ruby on Rails, HTML, CSS, JS, OpenAPI, Google Sign-In, Heroku, Git and GitHub.
- The project was marked with a 9.4/10 in the course.

[ 09/2021 – 01/2022 ] **Content Recommender**

- Developed a computer program that recommends items to a user based on ratings given them and others users.
- Developed in a team of four during a university course.
- Technologies used: Java, Git and GitLab.
- The project was marked with an 8.3/10 in the course.

## TECHNOLOGIES USED

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### Programming languages

Bash, C, C++, C#, Dart, Java, Python, Ruby, SQL, HTML, CSS, and JavaScript.

### Frameworks and libraries

Flutter, JUnit, Jersey (for Java), Qt, Ruby on Rails, and Unity.

### Backend tools

Apache Tomcat, MySQL, Oracle Database, PostgreSQL, and Ubuntu Server

### Development tools

Git, GitHub, GitLab, Taiga, Make, Doxygen, OpenAPI, Visual Studio Code, and Android Studio

### Operating Systems

Linux (both desktop and server), and Windows

### Text Processing

Microsoft Office (Word, PowerPoint, and Excel), LibreOffice, Google Workspace, Apple iWork, LaTeX, Overleaf, and Markdown

## VOLUNTEERING

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[ 11/10/2019 – 13/10/2019 ] **HackUPC 2019** Hackers@UPC

I helped in the organization and execution of the HackUPC hackathon, organized by Hackers@UPC in the North Campus of the Polytechnic University of Catalonia.