

# Sabina Mihoc

**Mobile:** +353 87 7051032

**Email:** [sabinamihoc02@gmail.com](mailto:sabinamihoc02@gmail.com)

**GitHub:** <https://github.com/SabinaMih>

**LinkedIn:** [linkedin.com/in/sabina-mihoc-576601108](https://www.linkedin.com/in/sabina-mihoc-576601108)

---

## PROFILE

Aspiring student with a problem-solving mindset seeking job opportunities in Software Development, Software Testing and Devops. I am a hard-working enthusiastic and self-motivated person. I am passionate about technology, and I am trying to stay up to date with current trends and translate them into suggestions and ideas especially for my college projects.

## EDUCATION

---

<b>TU Dublin – Tallaght Campus</b> <ul style="list-style-type: none"><li>Fourth Year Student: Computer Science – Software Development</li></ul>	September 2019 – Present
<b>Waterford Institute of Technology, Ireland</b> <ul style="list-style-type: none"><li>QQI - Level 6 Professional Cookery</li></ul>	September 2014 – May 2016
<b>Technical School “Danubiana”, Romania</b> <ul style="list-style-type: none"><li>Baccalaureate Diploma (equivalent of Leaving Certificate)</li></ul>	September 2009 – July 2013
<b>Google Analytics Academy</b> <ul style="list-style-type: none"><li>Certificate of Completion: Google Analytics for Beginners</li></ul>	April 2021- Expires: April 2024

## TECHNICAL SKILLS

---

- Software Design and Development** - I am a confident developer using C#, C++, Delphi, Python and Java. Capable of designing and developing websites using Blazor, Django, JavaScript, CSS and HTML5. Can analyse and design systems using UML.
- Database** - Can write SQL queries to intermediate level using Oracle and Auction Zen (PSQL). Can design and create database schemas based on normalised and ERD designs.
- Operating Systems** - Competent user of Windows and Linux Operating Systems in system administration. Can write scripts in PowerShell and Python.
- Networking** - Design build and troubleshoot a network using routers and hubs using related tools. Configure a router using the Cisco IOS command set.
- Data Analysis** - Can analyse data using tools like Excel and Jupyter Notebook using statistical and visualisation techniques. Can create visualisations and dashboards using Tableau.
- Software Quality Assurance & Testing** – Can write unit tests, test cases and automate them using Selenium IDE and Selenium WebDriver.

## SIGNIFICANT PROJECTS UNDERTAKEN

---

### Phones, Parts & Repairs – Ecommerce Website and Booking System (Second Year Project)

- **Description:** A team project (3 persons) involving designing and developing of an e-commerce website and a booking system, where the users can purchase phones/parts or make a booking to repair their device. Features include signup/login, shopping cart sessions with add/edit/delete functionality, payments using Stripe, post a review, rate a product, receive booking confirmation email, see the progress of their booking, stock control and booking management interface for the admin.
- **Challenges faced:** Designing and developing the booking system for repairs. It was something, we didn't cover in college lectures and we had to plan all the details of the system. Combining everything we learned in one big project.
- **Technologies & Tools Used:** Django, Python, HTML, CSS, JavaScript, SQLite, Git, Selenium IDE. We collaborated using Azure Devops.

## WORK EXPERIENCE

---

### Software Developer at Ocuco Lab-Department

Jul 2022 – Current

- Some of the tasks I do in work include, working as part of the team on Jira tickets to fix bugs, create new features, testing and reporting.
- Technologies used include Delphi, Auction Zen (PSQL), Tortoise SVN, Jira.

### Volunteer at CSinc Summer Research projects

June 2021 – August 2021

- Working as part of a 4 students team and a TU Dublin Lecturer, to Develop the CSinc Online Booking System. The system will be used to allow the Secondary school teachers to book Computer Science classes for their Leaving Cert students.
- Tools used: ASP.net MVC 5, C#, Azure Devops

## SKILLS & LANGUAGES

---

- Languages: Proficient in Romanian and English.
- IT Skills: C#, C++, Delphi, Blazor, Python, Java, Django, Oracle SQL, HTML, CSS, Java Script, Excel, Git, Tortoise SVN
- Organisational: Experienced at managing time and prioritising tasks to accomplish projects and meet deadlines.
- Interpersonal: Strong ability to work on own initiative or as part of team, problem solving (puzzles and logic games)

**INTERESTS:** programming, cooking, traveling.

COLLEGE RESULTS

GPA Summary				
Stage	Stage Passed	Stage GPA	Earned Credits	Total Credits Required
Stage 1	Y	3.88	60	60
Stage 2	Y	3.79	60	60
Stage 3	Y	3.67	60	60
Stage 4	N	.00	0	60
Award	N	.00		
			180	240

Year three, semester 5 and 6:

NFQ Level 8 Course work									
CRN	Subject	Course	Section	Sitting	Course Title	Final Grade	Attempted Credits	Earned Credits	Status
35145	EXLE	H3036	X23	June Exam Session	EXPERIENTAL LEARNING	PS	30.000	30.000	Pass
27303	WEBD	H3001	L08	January Exam Session	W Server-side Web Development	B+	5.000	5.000	Pass
27308	OPSY	H3003	L08	January Exam Session	W Operating Systems	B+	5.000	5.000	Pass
32686	COMP	H3001	L08	January Exam Session	W Cloud Service & Distrib Comp	B	5.000	5.000	Pass
32687	DBAS	H3001	L08	January Exam Session	W Big Data Technologies	A	5.000	5.000	Pass
34755	ALGO	H3001	L08	January Exam Session	Data Structures & Algorithms	A	5.000	5.000	Pass
34756	DATA	H3008	L08	January Exam Session	Data Analysis	A	5.000	5.000	Pass

Year two, semester 3 and 4:

NFQ Level 8 Course work									
CRN	Subject	Course	Section	Sitting	Course Title	Final Grade	Attempted Credits	Earned Credits	Status
27293	SWDV	H2002	L08	June Exam Session	S Software Development 4	A	5.000	5.000	Pass
27294	PROJ	H2030	L08	June Exam Session	S Project	A	5.000	5.000	Pass
27295	NETW	H2004	L08	June Exam Session	S Routing & Switching Ess	A	5.000	5.000	Pass
27298	MNSC	H2001	L08	June Exam Session	S Management Science	A	5.000	5.000	Pass
32408	DATA	H2001	L08	June Exam Session	S Database Admin & Analysis	B+	5.000	5.000	Pass
32611	SRTY	H2001	L08	June Exam Session	S Information Security	B+	5.000	5.000	Pass
27287	SWDV	H2001	L08	January Exam Session	W Software Development 3	A	5.000	5.000	Pass
27288	SOEN	H2001	L08	January Exam Session	W Software Qual Ass & Testing	A	5.000	5.000	Pass
27289	NETW	H2003	L08	January Exam Session	W Network Fundamentals	B+	5.000	5.000	Pass
27290	DBAS	H2001	L08	January Exam Session	W Adv Database Technologies	B+	5.000	5.000	Pass
27291	MATH	H2030	L08	January Exam Session	W Discrete Mathematics 2	A	5.000	5.000	Pass
27296	WEBD	H2001	L08	January Exam Session	W Client side Web Development	B+	5.000	5.000	Pass

Year one, semester 1 and 2:

NFQ Level 8 Course work									
CRN	Subject	Course	Section	Sitting	Course Title	Final Grade	Attempted Credits	Earned Credits	Status
27281	SWDV	H1002	L08	June Exam Session	S Software Development 2	A	5.000	5.000	Pass
27282	SYAN	H1004	L08	June Exam Session	S Systems Analysis	A	5.000	5.000	Pass
27285	COMM	H1017	L08	June Exam Session	S Social Media Communications	A	5.000	5.000	Pass
27286	STAT	H1003	L08	June Exam Session	S Statistics	A	5.000	5.000	Pass
32393	DATA	H1000	L08	June Exam Session	S Database Fundamentals	A	5.000	5.000	Pass
32426	OPSY	H1001	L08	June Exam Session	S Operating Syst Fundamentals	A	5.000	5.000	Pass
27275	SWDV	H1001	L08	January Exam Session W	Software Development 1	B	5.000	5.000	Pass
27277	COAR	H1001	L08	January Exam Session W	Computer Architecture	A	5.000	5.000	Pass
27278	WBDB	H1002	L08	January Exam Session W	Visual Design & User Exp	B+	5.000	5.000	Pass
27279	INFO	H1020	L08	January Exam Session W	Business & Information Sys	A	5.000	5.000	Pass
27280	MATH	H1030	L08	January Exam Session W	Discrete Mathematics 1	A	5.000	5.000	Pass
35506	CSKD	H1000	CL0	January Exam Session	Critical Skills Development	A	5.000	5.000	Pass