

SHLOMI BARSHESHET

[050-5555664](tel:050-5555664) | shlomi65436@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

B.Sc. Computer Science graduate and Full Stack Developer with hands-on experience in backend development using Python, API design, and system integration. passionate about solving complex technical challenges and contributing to innovative software solutions.

EXPERIENCE

Backend Software Developer (Python)

BeeFree Agro | May 2025 – Present

- Implemented a new field-of-view calculation algorithm, improving target coverage accuracy during drone missions
- Developed a DJI flight logs ingestion pipeline with endpoint validation and metadata extraction for post-flight analysis
- Expanded platform compatibility by adding support for DJI Matrice 4T alongside the existing DJI Matrice 3T model
- Automated customer notifications and internal alerts for failed jobs, enhancing SLA visibility and response times

EDUCATION

B.Sc. Computer Science

The College of Management Academic Studies (COLMAN) | 2023 – 2025

- Average GPA: **93.75** | **Dean's List Honors Recipient**

Key Projects:

- Dating App (Final Project):** Developed Android dating application using **Kotlin** and **Node.js** backend. Implemented **Bluetooth** technology featuring real-time matching system with **Docker** deployment.
- Blog Application:** Team project using **MongoDB**, **React**, **Node.js** with **Jest** testing, **Swagger** and **Docker**.

MILITARY SERVICE

Combatant Commander, "Golani" Brigade | 2018 – 2021

- Completed Class Commanders' Course and Senior NCO Course
- Key Competencies:** Leadership under pressure, team collaboration, creative problem-solving

SKILLS

Technical Skills: C, C++, Python, Java, MongoDB, MySQL, Linux, Git, Azure, AWS, Terraform, Ansible, JWT, Unit-Testing, Postman, Docker, HTML, CSS, JavaScript, Node.js, React, REST APIs

Personal Skills: Team player, fast learner, excellent interpersonal skills, creative thinking, leadership

VOLUNTEER & LANGUAGES

CS Mentor | PERACH Program: Mentoring first-year Computer Science students, creating learning materials for data structures and algorithms

Languages: Hebrew (Native), English (Fluent)



Student's Name : **Barsheshet Shlomi**
I.D : 208132993
Beginning Year : 2023
Active/Inactive : Active
Academic Status : Regular Degree Students
Faculty : Computer Science

Record of Studies

Student in the Bachelor of Science in Computer Sciences program

Course	Course Modus	Lecturer's Name	Hrs/Sem	Credits	Grade
Year : 2022 Semester : 3					
8300085	L	Mr. Jonathan Saada			86
Credits :			Exemption Credits :		
Overall Credits :			Average :		



Student's Name : **Barsheshet Shlomi**
I.D : 208132993
Beginning Year : 2023
Active/Inactive : Active
Academic Status : Regular Degree Students
Faculty : Computer Science

Record of Studies

Student in the Bachelor of Science in Computer Sciences program

Course		Course Modus	Lecturer's Name	Hrs/Sem	Credits	Grade
Year : 2023 Semester : 1						
600068	Algorithmic Thinking and Problem Solving	L	Mr. Tal Arbiv	2.0	2.0	100
611264	Introduction to Computer Science	L+E	Dr. RAN IZSAK	7.0	5.5	100
612011	Linear Algebra 1	L+E	Mr. Moshe Perlshtein	6.0	5.0	100
612104	Advanced Calculus I	L+E	Dr. Sela Fried	6.0	5.0	100
617011	Discrete Mathematics 1	L+E	Mr. Gilad Kogan	7.0	5.0	100
Year : 2023 Semester : 2						
617021	Discrete Mathematics 2	L+E	Dr. Elad Atia	7.0	5.0	83
622371	Database Systems	L+E	Mr. Haim Shafir	4.0	3.0	100
623411	Data Structures	L+E	Dr. Yossi Shlosberg	4.0	3.0	84
635003	Object Oriented Programming	L+E	Dr. Yehuda Elmaliach	7.0	5.0	100
654005	Web Application Development	L	Mr. Haim Shafir	3.0	3.0	98
655002	Operating Systems	L+E	Dr. Igor Rochlin	5.0	4.0	84
8770060	Advanced Academic English	L	Dr. Irena Rabinoviz	4.0	2.0	84
Credits : 47.5				Exemption Credits :		
Overall Credits : 47.5				Average : 95		



Student's Name : **Barsheshet Shlomi**
I.D : 208132993
Beginning Year : 2023
Active/Inactive : Active
Academic Status : Regular Degree Students
Faculty : Computer Science

Record of Studies

Student in the Bachelor of Science in Computer Sciences program

Course	Course Modus	Lecturer's Name	Hrs/Sem	Credits	Grade
Year : 2024 Semester : Dual semester					
8760013 Community engagement	L		2.0	2.0	Attend
Year : 2024 Semester : 1					
612101 Linear Algebra 2	L+E	Dr. Orly Barshavsky	5.0	4.0	100
612107 Advanced Calculus 2	L+E	Dr. Ophir Nave	6.0	5.0	91
618017 Introduction to probability	L+E	Dr. Elad Atia	6.0	5.0	91
618020 Algorithmic programming in python	L	Dr. Eliahu Khalastchi	2.0	2.0	100
636017 Algorithms	L+E	Dr. Yossi Shlosberg	5.0	4.0	88
Year : 2024 Semester : 2					
600089 Machine Learning and Data-Mining	L	Dr. Shay horovitz	3.0	3.0	100
600097 Advanced Software Development 1	L	Dr. Eliahu Khalastchi	4.0	3.0	100
601136 Computer Science Faculty Ethical code	TUTOR	Dr. Galit Haim			Pass
601161 Topics in Applied Mathematics	L+E	Mr. Moshe Perlshtein	5.0	4.0	87
646005 Computer Communication Networks	L+E	Dr. Eliav Menachi	5.0	4.0	93
689156 Cyber Security	L	Dr. Menahem Leibowitz	3.0	3.0	100
Credits : 39.0			Exemption Credits :		
Overall Credits : 37.0			Average : 94		



Student's Name : **Barsheshet Shlomi**
I.D : 208132993
Beginning Year : 2023
Active/Inactive : Active
Academic Status : Regular Degree Students
Faculty : Computer Science

Record of Studies

Student in the Bachelor of Science in Computer Sciences program

Course	Course Modus	Lecturer's Name	Hrs/Sem	Credits	Grade
Year : 2025 Semester : Dual semester					
692016 FSD final projects workshop	PROJEC	Dr. Eliav Menachi	3.0	6.0	98
Year : 2025 Semester : 1					
600098 Advanced Software Development 2	L	Dr. Raz Lin	5.0	4.0	100
601208 Advanced Topics in Web Application Deveelopmen	L	Dr. Eliav Menachi	3.0	3.0	100
637011 Computers Structure	L+E	Mr. Haim Shafir	5.0	4.0	90
681180 Mobile Application Development	L	Mr. Yehuda Rozilyo	3.0	3.0	100
689160 Computational Models	L+E	Dr. Yossi Shlosberg	5.0	4.0	92
Year : 2025 Semester : 2					
600073 Introduction to Devops	L	Mr. AMIT AMAR	3.0	3.0	80
601160 Cloud Computing with Cloud Services Managemen	L	Mr. Eli Eyal	3.0	3.0	70
623523 FSD seminar	L	Dr. Eliav Menachi	2.0	2.0	97
689022 Intro. to Complexity and Computation	L+E	Dr. Yossi Shlosberg	5.0	4.0	85
Credits : 36.0			Exemption Credits :		
Overall Credits : 36.0			Average : 92		



Student's Name : **Barsheshet Shlomi**
I.D : 208132993
Beginning Year : 2023
Active/Inactive : Active
Academic Status : Regular Degree Students
Faculty : Computer Science

Record of Studies

Student in the Bachelor of Science in Computer Sciences program

Hours/Sem

Hrs/Sem : **145.0**
Exemption Hours :
Total Hrs/Sem : **145.0**

Credits

Credits : **122.5**
Exemption Credits :
Total Credits : **122.5**

Overall Credits : **120.5**

Average : **93.75**

60 - Lowest Passing Grade

Student has not yet completed academic requirements

Office of Student Administration

This authorization is also valid without the signature and stamp of the secretariat

Faculty of Computer Science
The College of Management
Academic Studies