PASCAULT Sébastien

Date of Birth: 24.01.1993
Address: 7 cité de la Chapelle, 67630 Lauterbourg
Driving licence: B and A, Personal vehicles
Nationality: French

Phone: +336 31 10 01 56
E-mail: sebastien.pascault@outlook.com
LinkedIn: www.linkedin.com/in/sébastien-pascault-91b1b2281
Website: www.sebastienpascault.com

Engineer: Computer scientist - Robotic engineer - Computer graphics designer
Specialities: Human Machine Interfaces - Mixed Reality - Serious Gaming - Unity 3D

PERSONAL STATEMENTS

Period	Role & Description	Organisation
2020-2023	**CEA List - Fixed-term contract - 3 Years** Development in Unity 3D of a prototype for automatic recognition of kinematic links in 3D models. SolidWorks C# API, Mixed reality, spatial geometry and deep learning.	**Laboratory for Integration of Systems and Technology** Paris Saclay - France
2019-2020	**Tô&Guy - Free Lance - 6 Month** Development in Unity 3D of a virtual reality fashion simulation and a cross-platform application for the sale of customisable clothing (C# - PHP - MySQL - PrestaShop - Drupal).	**Manufacturer and designer of innovative clothing** Paris - France
2019	**AIRBUS Operations SAS - Research Department - Stage - 6 Month** Simulation and optimisation of the trajectories of a mobile and autonomous cobotic system applied to an aircraft in a multi-constraint industrial environment.	**Multinational aerospace company** Saint-Nazaire - France
2018	**Institute of Computer Graphics and Vision - Internship - 3 Month** Research project on the development of technological tools for control and interaction used in virtual and augmented reality applications	**ICG - TU Graz** **University of Graz** Graz - Austria
2017	**ABMI Bourgogne - Internship - 3 Month** Development of an application in mixed and augmented reality Work ergonomics - Analysis and recognition of movements	**Innovation and engineering company** Chalon-sur-Saône - France
2015	**TL Systems - Internship - 3 Month** Macro programming in Excel (visual basic), network analysis (Wireshark) Web and mobile application development (Java, PHP, HTML, CSS)	**Telecom, computing and network company** Maxéville - France
2014	Winner of the competition "create your FST logo" and author of the new logo of the Faculty of Science and Technologies of Nancy, released with Adobe Illustrator	**University of Lorraine** Nancy - France

SKILLS

Category	Type	Details
Software	**Office:**	Microsoft Office : Word - Excel - PowerPoint
		LibreOffice : Writer - Calc
	Adobe software:	Photoshop
		Illustrator - After Effect - Premiere Pro
	Graphic engine:	Unity 3D
	3D software:	Maya - 3DS Max - Zbrush - CATIA - SolidWorks - CLO3D
	Mobile:	Xcode - Android Studio
Programming	**Common:**	Python - C - C++ - C# - Java - Visual Basic
	Web:	HTML - CSS - PHP - MySQL - Javascript - Jquery - Drupal
	Automation:	Ladder - SFC - ST - Grafcet - List
Languages	**English:**	TOEIC - 830 points
	German:	B1 Level (Deutsches Sprachdiplom)
Additional		Algorithms and programming. Mixed reality. Proficiency in CAD and CAM. Knowledge of engineering techniques. Scientific reasoning. Project management skills. Drawing skills.

FORMATIONS

Period	Degree & Description	Institution
2017-2019	**Engineering degree : Automated Systems and Computer Engineering (SAGI)** **Double degree : Master of Science in Dynamic Systems and Signals (SDS)** IT engineering, industrial automation, mobile robotics, machine-learning Specialisation in Human-machine interface, virtual and augmented reality	**Polytech Angers** **Engineering School** **University of Angers** Angers - France
2016-2017	**Master of Science : Management of 3D Interactive Technologies (MTI3D)** Image processing, computer graphics, Unity 3D development and programming Virtual and augmented reality, pattern recognition and biometry	**Institut Image - ENSAM** **Arts et Métiers ParisTech** Chalon-sur-Saône - France
2013-2016	**Bachelor of Science in Engineering (SPI-EEAPR)** Programming (C, C++, Python, HTML, CSS, PHP) and network architecture In-depth knowledge of automation and electronics	**Faculty of Sciences** **University of Lorraine** Nancy - France
2011-2013	**PACES** (first year of medical studies) Basic knowledges in biochemistry, organic chemistry and cytology	**Medical School** Nancy - France
2011	**High School Diploma in Science** Life science specialty, European section in German	**St-Sigisbert High School** Nancy - France

INTERESTS

Sports	Tennis, bike, alpine ski, snowboard
Hobbies	Computer graphics: Drawing - Charac. design | Reading: SF novels

2023