

# ABDELSALAM ELTAMWAY

30, ElTayaran St., Nasr City, Cairo, Egypt

(+02)01003435365 ◊ solomspd@aucegypt.edu ◊ github.com/solomspd ◊ linkedin.com/in/abdel salam-et/

## EDUCATION

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### **The American University in Cairo (AUC)**

*2017-2023*

BSc in Computer Engineering. BSc in Electronics Engineering. GPA: 3.63/4.0

### **International School for Elite Education (ISEE)**

*2011-2017*

IGCSE. Graduated with honors.

## TECHNICAL SKILLS

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- Versed in C++, Python, kotlin, Java, Javascript, PHP, SQL, MongoDB, Verilog, Latex, CSS and HTML.
- Experienced in circuit design with Eagle and Altium.
- Experienced with Arduino and Raspberry Pi.
- Robot enthusiast. Built several robots, including a cleaning vacuuming robot with a gripper arm.
- Experienced 3D printing enthusiast.
- Programmed various games and applications, including a fully featured version of pac man, a text compression tool and a circuit netlist generator for boolean expressions. mostly in the language C++.
- PC enthusiast, built my own liquid cooled computer.

## COMPETITIONS

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### **Participant, International Collegiate Programming Contest, AUC**

*2019*

Entered the local ICPC ACM after gaining experience and practice in competitive programing; achieving 9<sup>th</sup> place out of 14.

### **Participant, Code Geist hackathon, Sefr Wahed**

*2019*

Created an app and it's pitch in 48 hours with a team of 4; developed an environment centric mobile application meant to encourage and rewards individuals for collecting litter.

### **ROV electronics member, Robotics Club, AUC**

*2017-2019*

Part of the university's Remotely Operated Vehicle (ROV) team that participated in the international MATE competition; Greatly contributed to circuit design and mechanical design.

### **Contestant, Science fair, Student Expo 2014**

*2014*

Won first place at the high school level with a 4 wheeled remote controlled robot featuring a 3-axis arm.

## EXPERIENCE

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- Work as a teaching assistant at university for the first 3 levels of computer science.
- Organizing member of local university ACM.
- Maintain ACM scoreboard application used by university.

## EXTRACURRICULAR ACTIVITIES

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### **Recreational Scuba Diver, Scuba Diving, Independent**

*2009-present*

Licensed 2-star CMAS scuba diver. Preformed over 100 scuba dives in the Red Sea.

### **ROV Multimedia Head, Robotics Club, AUC**

*2017-2019*

Led team of 5 to market and document ROV events. Photographed and filmed dozens of events. Filmed and edited 4 videos for marketing purposes. Designed brochures to advertise robotics classes.

### **Multimedia Member Peer Leader Advising (PAL), AUC**

*2018*

Photographed half a dozen events. Created 3 animated and heavily edited videos officially published by University.

### **Assistant Multimedia Head, AUC Insider, AUC**

*2017*

Photographed dozens of events. Published over a dozen photographs in the University newspaper.

### **Camper, NASA Camp, Independent**

*2015*

Attended NASA camp in Atlanta, USA. Won "Best Camper" award.

## SKILLS

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- Very fluent in written and spoken English and Arabic.
- Professional Photographer.
- Proficient in Adobe After Effects, Premier Pro, Photoshop, Illustrator, InDesign, Autodesk 3Ds MAX and Blender.

## TRAVEL

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Travelled to most of Europe, the U.S.A, the Middle east and Africa