

# Basel Boulos

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## Work Experience

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2014-Present | B.M. Carmel Ltd.

### Production planning control (Advanced Manufacturing)

- Conduct the evaluation, interpretation, approval, and analysis of technical drawings and documents.
- Administer the preparation and development of purchase orders for additional materials, tools, and equipment.
- Responsible for projects from inception to completion and customer satisfaction including technical implementation in the ERP (Priority) system.
- Conduct the teaching, coaching, and mentoring of new employees on processes and implementation in ERP (Priority) system.
- Chart the creation and development of purchase orders and use exception reports to monitor and track future planning details.
- Carry out the creation and development of the product structure tree through utilization of Excel and ERP (Priority) System.

## Technical Skills

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Programming languages: Python, Java, JavaScript, CSS3, HTML5.

Frameworks/Libraries: Django, Bootstrap, Material-UI, NumPy, Matplotlib.

Databases: MySQL, SQL.

Version Control: GIT.

Currently learning: ReactJS.

## Technical Projects

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### Mail:

- an SPA email client that makes API calls to send and receive emails.
- Utilized: Python, JavaScript, HTML/CSS, Bootstrap, Django, SQLite.

### Commerce:

- eBay-like e-commerce auction site that will allow users to post auction listings, place bids on listings, comment on those listings, and add listings to a watchlist.
- Utilized: Python, HTML/CSS, Bootstrap, Django, SQLite.

### QAReports:

- Project developed utilizing Python to maximize the efficiency of generating quality assurance reports for each manufactured products, reducing the time needed to prepare reports in my job duty by 50%.

### Brain-Trainer College Project:

- Different games and difficulty levels, with a focus on making practicing and learning math more fun and enjoyable for people who are unable to concentrate and prefer learning by gaming.
- Utilized: Java, JavaFX, MySQL.

## Qualifications & Certifications

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2019, Associate Degree in Software Engineering.  
ORT Braude College of Engineering.

## Additional Training (Online Courses)

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- 2021, HarvardX CS50 Web Programming with Python and JavaScript (150+ hours).
- 2020, MIT6.00.2X-Computational Thinking and Data Science (150+ hours).
- 2020, MIT6.00.1X-Computer Science and Programming using Python (150+ hours).

## Interests

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**Languages:** Fluent in English, Hebrew, and Arabic.

**Interests:** Reading (non-fiction), travelling, experiencing new cultures and perspectives.