

# Mike Toth

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## Design Engineer in Miami, FL

Industrial designer, mechanical engineer and data-geek seeking complicated problems to solve.

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## PROJECT EXPERIENCE

### MinVoiCe — Tailored, Lightweight Invoicing Software

Designed front and backend for a simple invoice and project management software. Features heavy database manipulation and employs time-saving features geared for minimal user input. Designed in C# using ASP .NET Core.

### Matrix Calculator — BOM Generator

Designed a multi-output calculator for determining the lengths, placements, and number of elements in a video-wall frame assembly for the purposes of generating a rough costing quote. Written in Python. The calculator takes a simple text file containing 2 lines of initializing data: matrix size and display vendor.

## WORK EXPERIENCE

### Owner, Designer — Cooper St. Design, MIAMI, FL

MARCH 2018 - PRESENT

Subcontractor for project management, concept design, engineering and product development in various CAD packages. Specializing in injection molded plastic design, furniture, sheet metal and die casting. Cooper St. is a platform for idea growth and concept development.

### Sr. Design Engineer — Bay Area Innovations, TAMPA, FL

MARCH 2012 - PRESENT

Designed over 30 unique products for clients of various size; large multinational companies, small local vendors and back-of-the napkin solo inventors. Surface modeling, solid modeling and sheet metal. Mechanical assemblies ranging in size from industrial applications and microscale. Wrote several macros with VBA using SolidWorks API.

## EDUCATION

**Pratt**, Brooklyn, NY— May 2009  
Bachelor of Industrial Design

**LaunchCode**, Miami, FL — January 2019  
LC101 Programming Course and LiftOff Job Training

## SKILLS

### PROGRAMMING LANGUAGES

- C#
- Python
- JavaScript
- HTML5/CSS3

### FRAMEWORKS

- .NET
- Flask

### DATABASES

- SQL via Entity Framework

### ADDITIONAL SKILLS

- SolidWorks VB API
- Arduino // Processing

