

Arthur Autz

Computer science
professional

Personal Info

Address
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Phone
+1 (917) 602-1260

Programming Languages (Proficient)

Ruby on Rails
LabVIEW
Python
C++

Programming Languages (Familiar)

HTML/CSS
Node.js
Java
SQL
PHP
C

Business Skills

Teamwork
Problem Solving
Project Scheduling
Effective Communication
Budget Management
Analysis of Accounting Statements
Modeling & Valuation

A problem solving engineer with experience in software, hardware and test driven development. Looking to gain further experience in full-stack development.

Experience

- | | |
|----------------------|--|
| 2014-12 –
Current | Columbia University
Laboratory Director <ul style="list-style-type: none">· Collaborate with laboratories on research· Develop software and hardware for projects· Maintain and update websites |
| 2015-06 –
2018-08 | HYPOTHEKids - HK Maker Lab
Instructor <ul style="list-style-type: none">· Mentor high school STEM student teams· Advise projects in design and prototyping |

Education

- | | |
|---------|---|
| Current | Columbia University
SPS - School of Professional Studies |
| 2013 | Columbia University
M.S. Biomedical Engineering <ul style="list-style-type: none">· GPA 3.9/4.0 |
| 2010 | The Pennsylvania State University
B.S. Engineering Science and Mechanics <ul style="list-style-type: none">· GPA 3.5/4.0 |

Other Skills

- NI Certified LabVIEW Associate Developer
- 3D Printing, Lasercutting, PCB Design
- CAD and CAM Design
- Six-Sigma Green Belt and Lean Certified
- CPR Certification, Wilderness First Responder
- PADI Scuba Open Water Diver

Languages

English, Spanish, German

Awards

- | | |
|------|---------------------------------|
| 2012 | GEM Fellowship |
| 2010 | International Engineering Award |
| 2005 | Eagle Scout Award |