

# Aidan Courtney

Software Developer

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Location: Long Island, New York, USA

As a self-taught developer, I am passionate about constantly expanding my knowledge and honing my skills. With a natural curiosity and drive to problem-solve, I am eager to take on new challenges and learn as much as possible while contributing to the success of your team.

Projects	Ramp It Up	Desktop application for generating packing slips for modular handicap ramps. <i>[Python, Pillow, ReportLab, Tkinter, cx_Freeze]</i>
	BTools	Reporting & transcription tool for O&P small business. <i>[Python, Pandas, Jupyter, Jinja2, WeasyPrint, Poetry, Typer]</i>
	aidan.software	Portfolio website and third-party open-source web applications hosted in-house by reverse proxy. <i>[Svelte, Python, FastAPI, Pydantic, WebSockets, JWTs, WireGuard, VPSs, Caddy, Debian]</i>
	pastelphoenix.com	eCommerce website. <i>[WordPress, WooCommerce, Docker]</i>
	unexceptional	Python package that silences the top-level exception handler on interpreter start, Jupyter compatible. <i>[Python, PyPI, setuptools]</i>
	misc	Stellar Lumens balance tracker. <i>[Asyncio, HTTP APIs, SQLite3]</i> Python package namespace viewer. <i>[Python, ASTs]</i> CLI PDF manipulation tools. <i>[Python, pypdf, Typer]</i>
	Parked	<i>Coursework.</i> Parking garage simulation Android application, course did not cover Android development. <i>[Java, Android, Android Studio]</i>
Skills	Languages	<b>Python</b> , Java, JavaScript, HTML, CSS, Shell scripting, C/C++.
	Technologies	Git, GitHub, CLI, Linux, Windows, Google G-Suite, Microsoft Office, ChatGPT.
	General	Copywriting, technical writing, basic photo editing, typing. researching/googling.
Employment	<b>BT Orthotic Labs</b> <i>JUL 2019-</i>	Reception, data entry, copywriting, insurance billing and appeals. Consultant for transitioning to paperless. Near daily use of Python to handle automation & reporting, see <b>Projects:BTools</b> .
	<b>CenterSpan Medical</b> <i>NOV 2017-</i>	Metalwork for modular handicap ramp manufacturer. Developed packing slip generation program: see <b>Projects:Ramp It Up!</b> .
	<b>Mosquito Joe</b> <i>JUN 2017-NOV 2018</i>	Pesticide technician responsible for client property applications and training. Developed internal tooling for smoother contract templating.
Education	<b>Suffolk County Community College</b>	Continued S.T.E.M. education on a non-matriculated basis.
	<b>Hofstra University</b>	Continued general & S.T.E.M. education on a non-matriculated basis.
	<b>Cornell University</b>	Attended the College of Engineering for Computer Science. Did not attain a degree due to health reasons.
	<b>Chaminade High School</b> <i>2015</i>	Private high school known for rigorous academics. Advanced by 2 years in math.