

# neal patel

[linkedin.com/in/thatnealpatel](https://www.linkedin.com/in/thatnealpatel) | [nealdotpy.dev](https://nealdotpy.dev) | [github.com/nealdotpy](https://github.com/nealdotpy)

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## experience

### Full Stack Developer - [think3dprint.com](https://think3dprint.com) (old site)

July 2020 - Present

- Designed user stories and documents detailing functionality for the redesign of the site.
- Implemented user stories using Django to expedite the customer order process chain.
- Implemented a .STL rendering engine for customers to view models and get estimates.

### Web Developer - [UGAHacks.com](https://UGAHacks.com)

Mar 2020 - Present

- Utilized Django to develop web technologies for the campus' largest multi-day event.
- Wrote functionality in Python, HTML, CSS, & JS implementing interactive SVG maps, static views, and interactive timeline views.

### Software Developer Intern - Valens Software, LLC

May 2015 - Aug 2015

- Developed mobile-facing implementations for widgets in Lua and mySQLite.
- Developed demoware applications for trade shows and leads.

### Research Assistant - Reichmanis Lab (Georgia Tech)

May 2016 - Aug 2016

- Conducted 320 lab hours in synthesis, testing, & analysis of organic field effect transistors, resulting in publishing a 10 page research paper on  $n$ -type OFETs.
- Acquired skills to adapt and learn in an advanced, fast-pace, high-stakes environment.

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## projects

### algorithmic automated stock trading | [medium article](#) | [source code](#)

- a python-powered automated trader utilizing `alpaca.markets`.
- tech stack: `python`, google cloud platform, sql, REST.

### rasberry pi object recognition camera | [medium article](#) | [source code](#)

- a machine-learning powered custom-built hardware camera.
- tech stack: `python`, rpi unix, google cloud platform, TFT display technology.

### nealdotpy.dev - a portfolio website | [website link](#) | [source code](#)

- my personal website and portfolio showcasing media and project links.
- tech stack: `react.js`, bootstrap, aws, github pages.

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## skills

java | c/c++ | python3

django | html5 & css3 & js | react.js | rdbms (sql)

git | unix | gcp | aws | adobe editing suite

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## leadership

### #TeamTrees

Dec 2019

- Physically planted trees and led a small camera crew on an on-site project.
- A charity effort to mass-plant trees using comedy, shovels, and 2019 standards of online entertainment to spread awareness. **200-tree contribution.**

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## education

university of georgia | bs computer science | **3.51/4.0 gpa**