

# 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 - [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 implementing interactive SVG maps, static views, and interactive timeline views.

Research Assistant - Reichmanis Lab (GA Tech)

May 2016 - Aug 2016

- Conducted synthesis, testing, and analysis of organic FET semiconductors.
- Published a 10 page research paper on  $n$ -type OFETs.

Software Developer Intern - Valens Software, LLC

May 2015 - Aug 2015

- Developed UI implementations for widgets in Lua and mySQLite.
- Developed demoware applications for trade shows and leads.
- Conducted QA testing and direct customer support.

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## projects

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

- a python-powered automated trader utilizing [alpaca.markets](https://alpaca.markets).
- tech stack: **python**, google cloud platform, sql, REST.

[raspberrypi 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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## communication

Independent Scientific Research Findings

Mar 2017

- Presented findings of 320 hours of lab research [in the span of 12 minutes](#) to a panel of Ph.D. Chemistry and Ph.D. Physics faculty.

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## leadership

#TeamTrees

Dec 2019

- Physically planted 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**