neal patel

linkedin.com/in/thatnealpatel | **nealdotpy.dev** | **github.com/nealdotpy**
(678) 900-0004 | nealpatel2021@gmail.com

experience

Organizer/Web Developer - UGAHacks   *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.

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.

raspberry 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.

skills

java | c/c++ | python3
django | html5 & css3 & js | react.js | rdbms (sql)
git | unix | gcp | aws | adobe editing suite

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.

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.**

education

university of georgia | bs computer science | **3.5 GPA**