Nathan Patnam

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Skills

Proficient With:	Python, SQL (MySQL), HTML5, JavaScript, CSS, Bootstrap, jQuery, Java, Ajax, XML
	Agile (Scrum), Unit/Acceptance Testing, Mock-ups, OOP, Public Speaking
Exposure To:	PHP, Ruby, Pry, Django, VIM, C, C#, C++, VB, .NET, Flask, REST, Bash, Hardware, Slack
Tools/Software:	Source Tree, Visual Studio, JaCoCo, Git, Robot Framework, FileZilla, JUnit, Gradle, Linux

Work Experience www.linkedin.com/in/nathan-patnam/

SOFTWARE ENGINEER INTERN, UnitedHealth Group, Schaumburg, IL   **Jun 2017 – Aug 2017**
- Led an agile team of 5 interns to create 4 SharePoint pages using HTML, CSS, jQuery, SPServices, and REST.
- Streamlined intern hiring with a custom SharePoint web form. Saved 350 hours of manager time (est. $13,000 annually) for the office in Schaumburg, Ill., and prepared to deploy nationally.

WEB DEVELOPER, Wofford College, Spartanburg, SC   **Jan 2017 – Oct 2017**
- Developed 5 web forms in .NET using HTML, CSS JavaScript, jQuery, Git, VB, and MySQL using Microsoft SQL server. Increased branch coverage with better unit tests. Used Ektron, a CMS, to make updates on Wofford's websites.

Relevant Projects www.github.com/Nathan-Patnam

ROI web-app bit.ly/2FOdrjm	Created Cryptocurrency Calculator that calculates the return on investment on any cryptocurrency on a given day, and allows the user to share the result on Facebook.
Argument Parser goo.gl/xtFJSP	Developed a Java package that parses arguments from the command-line. Worked in 3-week sprints, conducted daily stand-ups with a 4-man team, and practiced TDD using JUnit.
NeedleXchange goo.gl/dUfSZ6	Developed web app (with two others) to organize and publicize needle exchanges with a focus on anonymity. Used HTML, CSS, JavaScript, jQuery, SQLite, Google Maps API, and Flask.

Tutoring Experience

PROGRAMMING TUTOR, Wyzant   **Mar 2018- Present**
- Tutored 2 students online for 5 total hours and covered topics such as naming conventions, encapsulation vs. abstraction, and sorting algorithms and implementing it in Python. www.wyzant.com/match/tutor/86224457

VOLUNTEER TUTOR, YouTube   **Jan 2018 – Present**
- Started a YouTube channel on own initiative to share free, easy to follow and quick lessons about programming concepts and implementing them in Python. Gathered over 300 views. www.youtube.com/user/vert3737
- Wrote and shared multiple articles on programming and tech on Medium at www.medium.com/@nathanpatnam.

COMPUTER SCIENCE PEER TUTOR, Wofford College   **Apr 2017 – May 2017**
- Tutored 1 tutee weekly, explaining classes, methods, recursion, etc. in-depth, and implementing them in Python.

Education

BSc. In Computer Science,   **Cumulative GPA:** 3.65/4.0   **Major GPA:** 3.87/4.0
Wofford College, Spartanburg, SC   **Graduation:** May 2019
- Served as Pi Kappa Phi's treasurer where I managed a budget of $25,000 for 6 events across the year (Jan 17 – Dec 17). Increased savings in organization's checking account by 5% ($1000) over my one-year term.

Awards & Certificates

freeCodeCamp	Responsive Web Design Certificate (2018)
Deloitte 2017	NeedleXchange won (out of 44 teams) Deloitte's "best UX" award at HopHacks Fall '17 .
ACM Nov 2016	Placed 4/9 regionally and 23/71 overall at the 2016 ACM SE Regional Programming Contest.