

# Nikhil Pandey

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OBJECTIVE	To obtain a Software Engineering Internship for Summer 2019	
EDUCATION	<b>MS in Computer Science</b> Rochester Institute of Technology, Rochester NY	Aug 2018 - May 2020 (Expected)
	<ul style="list-style-type: none"><li>• CGPA of <b>4.0</b></li><li>• Coursework – Foundations of Intelligent Systems, Foundations of Computer Vision, Foundations of Algorithms, Computational Problem Solving, Advanced Object-Oriented Programming Concepts, Foundations of Computer Science Theory</li></ul>	
	<b>BSc (Hons) in Computing</b> London Metropolitan University, London	Oct 2014 - Sep 2017
	<ul style="list-style-type: none"><li>• CGPA of <b>4.0</b></li><li>• Graduated <b>Top 1/210</b> with First Class Honors</li><li>• Microsoft Student Partner 2017</li><li>• Dissertation – “Diagnosis of Diseases using Machine Learning” (<a href="https://github.com/nikhil-pandey/aimed">github.com/nikhil-pandey/aimed</a>)</li></ul>	
TECHNICAL SKILLS	<b>Programming Languages</b> - Python, Java, PHP, JavaScript, C# <b>Databases</b> - MySQL, Oracle, MongoDB, Redis, MemCached <b>Web Dev</b> - HTML, CSS, Webpack, Laravel, Flask, Entity Framework, jQuery, Vue.js, Bootstrap <b>Other</b> - Git, Nginx, Linux, Docker, Microsoft Azure, AWS, Google Cloud, NumPy, SciPy, matplotlib, pandas, scikit-learn, Android	
WORK EXPERIENCE	<b>RIT - Golisano College of Computing</b> <b>Graduate Teaching Assistant</b>	Rochester, New York Jan 2019 - Present
	<ul style="list-style-type: none"><li>• Computer Science 2 (CSCI 142) - Object-Oriented Concepts, Java, Threads, Networking, Graph Search, Heaps. Conduct recitation classes and mentor undergraduate students</li></ul>	
	<b>PHP Developer</b>	Oct 2018 - Jan 2019
	<ul style="list-style-type: none"><li>• Worked on web application to keep electronic student file system and control lab operations of Golisano College of Computing and Information Sciences using PHP, MySQL, Bash</li></ul>	
	<b>Islington College</b> <b>Assistant Lecturer</b>	Nepal Feb 2018 - Jun 2018
	<ul style="list-style-type: none"><li>• Conducted 30 hours of weekly tutorial and lab classes on XML, PHP, MySQL for 265 undergraduate students</li></ul>	
	<b>Informal Sector Service Center</b> <b>Software Consultant</b>	Nepal Mar 2017 - Sep 2017
	<ul style="list-style-type: none"><li>• Lead the development of web application for collection of 2017 Nepalese local elections data from all over the country and generated meaningful visualizations to analyze the fairness of election</li></ul>	
	<b>Pattern Fusion Lab</b> <b>Senior PHP Developer</b>	Nepal Jun 2016 - Mar 2017
	<ul style="list-style-type: none"><li>• Automated deployment and monitoring of web applications over AWS, DigitalOcean with CI/CD workflow</li><li>• Built applications for offshore clients using PHP/Laravel/Javascript/HTML/CSS/SASS/Node.js</li><li>• Wrote automated tests using PHPUnit/Selenium/Behat/Codeception</li><li>• Reviewed Project requirements and wrote technical specifications</li><li>• Identified and fixed client issues then documented solutions and developments and QA procedures</li></ul>	
PERSONAL / COMMUNITY PROJECTS	<ul style="list-style-type: none"><li>• <b>PokemonGo-Bot</b> (Contributor) - A bot for Pokemon GO game. Contributed Teleportation, Pokemon Sniping and Inventory Management features. GitHub: 3646 Stars, 1634 Forks</li><li>• <b>AIMed</b> - Diabetes and Heart Disease Prediction using Machine Learning Logistic Regression, Naive Bayes, KNN, SVM, MLP. API development using Flask. Another Web application in Laravel to upload datasets, publish codes and use trained models to do the predictions online. Automated tests using PHPUnit. Git and Travis-CI for continuous testing and deployment.</li></ul>	
	More at: <a href="https://www.github.com/nikhil-pandey">https://www.github.com/nikhil-pandey</a>	