github.com/av1kav
Jun 05, 1996

Avinash Venugopal

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WORK EXPERIENCE

Data Engineering Specialist   GE Digital - Bengaluru, IN   Summer 2018
- Data Engineering for *InstalledBase Analytics* - GE Power. Talend, Python 3 and PostgreSQL
- Java Software Engineering – Code analysis and enterprise-level reverse-engineering
- Development work on Chatbots, RESTful APIs, Image Recognition using Deep Neural Networks
- UI/UX work using Python Flask, Bootstrap and AngularJS for Analytics Dashboard/portal.

Intern   GE Digital - Bengaluru, IN   Spring 2018
- Internship for Data Analysis and Engineering Profile – GE Digital, Bengaluru Hub
- Utilizing Talend ELT Software, Python 3 and PostgreSQL for *InstalledBase Analytics* – GE Power

Intern   DHL s.r.o - Prague, CZ   Fall 2016
- Visit to IT Datacenter; Overview of Software Development Process and Life Cycle
- Basic SQL-based application development for Excel and Access databases using Visual Studio

Front-End Team   Kriya, PSG Tech Coimbatore, IN   Spring 2017
- Ground-up web framework for multi-page, dynamic website for college technical fest, *Kriya*.
- Utilization of fully custom CSS and JS styles/scripts; HTML used for web document

EDUCATION

Coimbatore, TN   PSG College of Technology   Summer 2017
- Pursuing B.Eng. in Computer Science and Engineering; CGPA 8.3/10 (up to 6th Semester)
- Coursework: Data Structures, Advanced Algorithms, Database Management Systems, Theory of Computation, Data Analytics, Compiler Design, Mobile Networks.

Prague, CZ   International School of Prague   Graduated 2014
- US High School Diploma (Association of American Universities); Grade: 93% (Honor Roll)
- IB Program Coursework – Physics HL, Chemistry HL, Mathematics HL, Computer Science HL

TECHNICAL EXPERTISE

- Computer Science: Languages - Java, C, C++, Python, HTML, CSS, JavaScript, Perl;
- Machine Learning Frameworks: Tensorflow, Keras, tflearn.
- Enterprise Tools: Talend ELT, PostgreSQL
- Spoken Language: Basic: French; Proficient: English, Hindi; Conversational: Malayalam

EXTRACURRICULARS, AWARDS AND PASSIONS

Honor Roll student in Grade 12. Team Leader (Finalist), Smart India Hackathon 2017. Enjoy football, swimming and badminton. Avid reader. Passion for and experience in travelling the world.