Khayyam Saleem

Relevant Coursework at Stevens Institute of Technology

Computer Science

CS 810   **Type Systems for Programming Languages**, *oCaml.*

CS 561   **Database Management Systems**, *Java, PostgreSQL.*

CS 546   **Web Programming I**, *nodejs.*

CS 559   **Machine Learning**, *Python, Matlab.*

CS 545   **Human-Computer Interaction**, *HTML, CSS, JS.*

CS 511   **Concurrent Programming**, *Java, Erlang, Promela.*

CS 492   **Operating Systems**, *C, C++.*

CS 496   **Programming Languages**, *Racket/Scheme.*

CS 392   **Systems Programming**, *C.*

CS 347   **Software Development Process**.

CS 385   **Algorithms**, *C++.*

CS 383   **Computer Organization and Programming**, *AVR Assembly, Arduino.*

CS 334   **Automata and Computation**, *Racket/Scheme.*
Finite State Machines, Turing Machines

CS 135   **Discrete Structures**, *Racket/Scheme.*
Discrete Mathematics, Elementary Combinatorics for Computer Science

CS 284   **Data Structures**, *Java.*

CS 146   **Intro to Web Programming**, *Javascript.*

CS 115   **Introduction to Computer Science**, *Python.*
Computational Programming, Computer Science essentials

Mathematics

MA 627   **Combinatorial Analysis**, *Graduate.*

MA 548   **Advanced Calculus II**, *Graduate.*

MA 620   **Intro to Network/Graph Theory**, *Graduate.*

MA 547   **Advanced Calculus I**, *Graduate.*

MA 649   **Intermediate Differential Equations**, *Graduate.*

MA 552   **Axiomatic Linear Algebra**, *Graduate.*

MA 331   **Intermediate Statistics**, *R.*

MA 234   **Complex Variables with Applications**.

MA 222   **Probability and Statistics**.

MA 232   **Linear Algebra**.

MA 227   **Multivariable Calculus**.

MA 221   **Differential Equations**.

MA 123/4   **Calculus II**.

Science

PEP 221 **Physics Lab I for Scientists**.
PEP 112 **Physics**, *Electricity and Magnetism.*
PEP 111 **Physics**, *Mechanics.*

Humanities

HLI 314 **19th Century English Literature: The Victorians**.
HSS 371 **Computers and Society**.
HST 401 **Seminar in Science Writing**.
BT 353 **Project Management**.
HLI 220 **Images of Science in Literature**.
CAL 105 **Knowledge, Nature, and Culture**.
CAL 103 **Writing and Communication**.