

# Summary Report

## Books

| BookID                   | Title   | Author(s)   | Subject  | Copies | Date Acquired            |
|--------------------------|---|---|----------|--------|--------------------------|
| 60bfa17cf1a1320dd27be5b7 | Parallel Programming in OpenMP  | Rohit Chandra<br>Ramesh Menon<br>Dave Kohr        | CMSC 180 | 1      | July 02 2020 8:00 AM     |
| 60bfa1c1f1a1320dd27be5bc | Introduction to Parallel Computing: A Practical Guide with Examples in C              | Wesley Petersen<br>Peter Arbenz                   | CMSC 180 | 1      | July 02 2020 8:00 AM     |
| 60bfa1cff1a1320dd27be5c0 | Programming Languages: Design and Implementation                                      | Terrence Pratt<br>Marvin Zelkowitz                | CMSC 124 | 1      | July 02 2020 8:00 AM     |
| 60bfa235f1a1320dd27be5cd | Computability, Complexity and Languages: Fundamentals of Theoretical Computer Science | Elaine Weyuker<br>Martin Davis<br>Ron Sigal       | CMSC 141 | 1      | February 01 2021 8:00 AM |
| 60bfa250f1a1320dd27be5d2 | Introduction to Formal Languages and Automata   | Peter Linz  | CMSC 141 | 1      | February 01 2021 8:00 AM |
| 60bfa260f1a1320dd27be5d5 | Introduction to Automata Theory, Languages, and Computation                           | Jeffrey Ullman<br>John Hopcroft<br>Rajeev Motwani | CMSC 141 | 2      | February 01 2021 8:00 AM |
| 60bfa26df1a1320dd27be5da | JFLAP: An Interactive Formal Languages and Automata Package                           | Susan Rodger<br>Thomas Finley                     | CMSC 141 | 2      | February 01 2021 8:00 AM |
| 60bfa288f1a1320dd27be5e2 | Introduction to the Theory of Computation   | Michael Sipser                                    | CMSC 141 | 1      | February 01 2021 8:00 AM |
| 60bfa2a0f1a1320dd27be5e5 | Computer Architecture: A Quantitative Approach  | David Patterson<br>John Hennessy                  | CMSC 132 | 2      | February 01 2021 8:00 AM |
| 60bfa2cdf1a1320dd27be5ed | Operating Systems: A Spiral Approach  | Alan Carrick<br>Ramez Elmasri<br>David Levine     | CMSC 125 | 2      | February 01 2021 8:00 AM |

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|--------------------------|---|---|----------------------|--------|--------------------------|
| 60bfa2def1a1320dd27be5f2 | Statistics for HCI: Making Sense of Quantitative Data | Alan Dix  | CMSC 173             | 1      | February 03 2021 8:00 AM |
| 60bfa2edf1a1320dd27be5f5 | User-Centered Data Management                         | Alan Dix<br>Guiseppe Santucci<br>Tiziana Catarci<br>Stephen Kimani    | CMSC 173             | 1      | February 03 2021 8:00 AM |
| 60bfa2fdf1a1320dd27be5fb | Human Computer Interaction                            | Russell Beale<br>Alan Dix<br>Janet Finlay<br>Gregory Abowd            | CMSC 173             | 1      | February 03 2021 8:00 AM |
| 60bfa30cf1a1320dd27be601 | Data Communications and Networking v2                 | Ryan Cabuslay   | CMSC 56              | 5      | June 04 2021 8:00 AM     |
| 60bfa327f1a1320dd27be604 | Fundamentals of Database Systems                      | Shamkant Navathe<br>Ramez Elmasri                                     | CMSC 127<br>CMSC 128 | 2      | March 06 2021 8:00 AM    |
| 60bfa33df1a1320dd27be609 | Introduction to Algorithms                            | Clifford Stein<br>Thomas Cormen<br>Charles Leiserson<br>Ronald Rivest | CMSC 142             | 1      | March 06 2021 8:00 AM    |

# Summary Report

## Special Problem and Thesis

| ID                       | Type            | Title   | Author(s)                                 | Adviser(s)                            |
|--------------------------|-----------------|---|---|---------------------------------------|
| 60bf5c7b5bda8b23ccb0d5b6 | Special Problem | Activity Maps and Hotspots v3   |   | Lailanie R. Danila                    |
| 60bf63c083b8b44504f55625 | Thesis          | An Interactive Tool for Gel Electrophoresis Analysis of DNA   | Mongilbert Talegon                        | Jaderick Pabico                       |
| 60bf5edf5bda8b23ccb0d5f3 | Special Problem | Augmy: A Fingertip-Driven Sketchpad Interface   | Lea Carmela Dorado                        | Vladimir Mariano                      |
| 60bf5b5a83b8b44504f555eb | Special Problem | Automated Characterization of Bee Behavior Using Video Analysis   | Jessal Manalastas                         | Arian J. Jacildo<br>Vladimir Mariano  |
| 60bf5d615bda8b23ccb0d5c4 | Special Problem | Automated Print Quality Analysis  | Michael Vincent Hernandez                 | Vladimir Mariano                      |
| 60c09713464abc00cd97cd90 | Thesis          | Backseat Serenade   | Bien Ten                                  | Lailanie R. Danila                    |
| 60bf5cb083b8b44504f555f1 | Special Problem | Baybayin Character Classification: An Application of Pattern Recognition Through Line Angle Categorization and Freeman Chain Coding | Czarina Mae Lajara<br>Dexter Allen Galvez | Vladimir Mariano                      |
| 60bf5d5a83b8b44504f555f6 | Special Problem | Bureau of Plant Industry Los Banos Online Sales System  | Jemuel Clemente                           | Reinald Adrian Pugoy                  |
| 60bf5d7d5bda8b23ccb0d5c9 | Special Problem | Character Segmentation in License Plate Images  | Erickson Lavilla                          | Vladimir Mariano                      |
| 60bf5e7b83b8b44504f555fa | Special Problem | Computerized Grading System of Mangifera indica L. (Pico mango variety) Using Artificial Neural Networks and Image Processing       | Krismagne Maximo                          | Jaderick Pabico                       |
| 60bf5f2883b8b44504f555ff | Special Problem | Configurable Faculty Service Record (FSR) Management System for the Institute of Chemistry and the Institute of Computer Science    | Vernie Velecina<br>Renee June Culaway     | Arian Jacildo                         |
| 60bf5e9c5bda8b23ccb0d5d2 | Special Problem | DVRelay Administrator: Graphical User Interface Application for DVRelay Administration  | Anthony Carl Alcantara                    | Arian Jacildo<br>Enrico Merle         |
| 60bf5e8c5bda8b23ccb0d5ce | Special Problem | Design and Detection of Document Landmark   | Diana Lopera                              | Vladimir Mariano                      |
| 60bf602183b8b44504f55604 | Special Problem | Development of a Corrosion Rate Modelling, Simulation and Visualization System  | Rick Jason Obrero                         | Marish Madlangbayan<br>Danilo Mercado |
| 60bf611883b8b44504f5560b | Special Problem | Finding the Optimal Size of Audio Chunk to Deliver via Http Live Streaming  | Mark Earvin Sarmiento                     | Arian Jacildo                         |
| 60bf5ea65bda8b23ccb0d5d7 | Special Problem | Food Ordering System Through Bluetooth Wireless Technology  | Sandy Init                                | Margarita Carmen Paterno              |
| 60bf5ed65bda8b23ccb0d5ef | Special Problem | Implementation of Various Loop Scheduling Algorithms on Desktop Grids   | Ramon Ayco Jr.                            | Jaderick Pabico                       |
| 60bf5eb45bda8b23ccb0d5dc | Special Problem | License Plate Character Recognition : A Neural Network Approach   | Gem Rotol                                 | Vladimir Mariano                      |
| 60bf61b683b8b44504f55610 | Special Problem | Modeling the Growth of Plants Using L-Systems   | Farrah Mae Ochoa                          | Jaime Samaniego                       |
| 60bf5d195bda8b23ccb0d5bc | Special Problem | Modern World v2: Automated Speech Recognition   | Peter Pan                                 |                                       |

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| ID                       | Type            | Title   | Author(s)              | Adviser(s)                |
|--------------------------|-----------------|---|------------------------|---------------------------|
| 60bf624483b8b44504f55615 | Thesis          | Multi-Library System with ISBN Search Implemented Online via Google App Engine Java | Rodel Ocampo Jr.       | Jaderick Pabico           |
| 60bf62c683b8b44504f5561a | Thesis          | NUI using Microsoft's Kinect Sensor   | Fritz Derick Seeckts   | Joseph Anthony Hermocilla |
| 60bf5ec05bda8b23ccb0d5e2 | Special Problem | Patterns of Internet-Based Friendship   | Chezka Camille Arevalo | Jaderick Pabico           |
| 60bf5eca5bda8b23ccb0d5e6 | Special Problem | Robust Object Detection Using Image Correlation                                     | Catherine Anonuevo     | Vladimir Mariano          |
| 60bf5ed05bda8b23ccb0d5ea | Special Problem | SaDS: Speech Activated Directory System on Voice over Internet Protocol             | George Esguerra Jr.    | Arian Jacildo             |