

APPLICATION FOR INDEPENDENT STUDY

PRESS HARD – YOU ARE MAKING FOUR COPIES

PART A: (To be completed by student)

Academic Year 2024 NAME Oliwia Kempinski
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Spring x Phone (+49) 1724953171 ID # 11797674
Summer
Fall Major Computer Science Advisor of Major Prof. John T. Saccoman
Undergraduate x Date of Application 01/16/2024 Project Advisor Prof. Marco T. Morazán
Graduate PROJECT TITLE Introduction to Object-Oriented Design II
(Attach a detailed statement of project goals and procedures)
Proposed Course # CSAS 2124 No. of Credits: 3

PART B: (To be completed by Project Advisor)

Work to be submitted:

1. Software to Generate call graphs for multitape Turing machines.
2. Software to convert an arbitrary context-free grammar to Greibach normal form.
3. Software to convert a grammar in Greibach normal form to a pushdown automata.
4. Software to convert a pushdown automata to a terminating pushdown automata.

Schedule of deadlines for above:


1. February 15, 2024
2. March 15, 2024
3. April 15, 2024
4. May 15, 2024

Schedule of interviews:


Twice of week every week of the Spring 2024 semester on Tuesdays and Thursdays

Basis for grading:

Each of the 4 required pieces of software is 25% of the final grade.

Requested by:  Date: 01/16/2024
(Student signature)

PART C: Approvals

Project Advisor:  Date: 1/17/24
Department Chair: Date:
Dean: Date:

(White - Dean; Yellow - Chair; Pink - Student; Gold - Advisor)