

DEPARTMENT OF HOMELAND SECURITY
U.S. Immigration and Customs Enforcement

OMB APPROVAL NO. 1653-0054
EXPIRATION DATE: 7/31/2021

TRAINING PLAN FOR STEM OPT STUDENTS

Science, Technology, Engineering & Mathematics (STEM) Optional Practical Training (OPT)

SECTION 1: STUDENT INFORMATION (Completed by Student)			
Student Name (Surname/Primary Name, Given Name): Thiyagarajan Indumathi		Student Email Address: indhut0506@gmail.com	
Name of School Recommending STEM OPT: University of North Carolina at Greensboro	Name of School Where STEM Degree Was Earned: University of North Carolina at Greensboro	SEVIS School Code of School Recommending STEM OPT (including 3-digit suffix): ATL214F10292000	
Designated School Official (DSO) Name and Contact Information: Delisha Stafford dmbrown2@uncg.edu PO Box 26170, Greensboro, NC 27402-6170 336.334.5404		Student SEVIS ID No.: N0031518709	STEM OPT Requested Period (mm-dd-yyyy): From: 05/30/2023 To: 05/29/2025
Qualifying Major and Classification of Instructional Programs (CIP) Code: Computer Systems Networking and Telecommunications (CIP 11.0901)			
Level/Type of Qualifying Degree: Master's			
Date Awarded (mm-dd-yyyy): 05-06-2022			
Based on Prior Degree? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Employment Authorization Number: 141-083-608			
SECTION 2: STUDENT CERTIFICATION			
I declare and affirm under penalty of perjury that the statements and information made herein are true and correct to the best of my knowledge, information and belief. I understand that the law provides severe penalties for knowingly and willfully falsifying or concealing a material fact, or using any false document in the submission of this form.			
I certify that:			
<ol style="list-style-type: none">1. I have reviewed, understand, and will adhere to this Training Plan for STEM OPT Students ("Plan");2. I will notify the DSO at the earliest available opportunity if I believe that my employer is not providing me with appropriate training as delineated on this Plan;3. I understand that the Department of Homeland Security (DHS) may deny, revoke, or terminate the STEM OPT of students whom DHS determines are not engaging in OPT in compliance with the law, including the STEM OPT of students who are not, or whose employers are not, complying with this Plan;4. My practical training opportunity is directly related to the STEM degree that qualifies me for the STEM OPT extension; and5. I will notify the DSO at the earliest available opportunity regarding any material changes to or deviations from this Plan, including but not limited to, any change of Employer Identification Number resulting from a corporate restructuring, any nontrivial reduction in compensation from the amount previously submitted on the Plan that is not tied to a reduction in hours worked, any significant decrease in hours per week that I engage in a STEM training opportunity, and any decrease in hours below the 20-hours-per-week minimum required under this rule.			
Signature of Student (Sign in ink): 			
Printed Name of Student: INDUMATHI THIYAGARAJAN			
Date (mm-dd-yyyy): 6/15/2022			

SECTION 3: EMPLOYER INFORMATION (Completed by Employer)

Employer Name: Applied Materials, Inc		Street Address: 3050 Bowers Ave		Suite:	
Employer Website URL: www.appliedmaterials.com		City: Santa Clara		State: CA	ZIP Code: 95054
Employer ID Number (EIN): 94-1655526	Number of Full-Time Employees in U.S.: 11,895	North American Industry Classification System (NAICS) Code: 33441			
OPT Hours Per Week (must be at least 20 hours/week): 40	Compensation: A. Salary Amount and Frequency \$130,000 paid bi-weekly B. Other Compensation (Type and Estimated Amount or Value): 1. Stock and bonus 2. _____ 3. _____ 4. _____				
Start Date of Employment (mm-dd-yyyy): 05/31/2022					

SECTION 4: EMPLOYER CERTIFICATION

I declare and affirm under penalty of perjury that the statements and information made herein are true and correct to the best of my knowledge, information and belief. I understand that the law provides severe penalties for knowingly and willfully falsifying or concealing a material fact, or using any false document in the submission of this form.

I certify on behalf of the employer that this Training Plan for STEM OPT Students ("Plan") is approved and that:

1. I have reviewed and understand this Plan, and I will ensure that the supervising Official follows this Plan;
2. I will notify the DSO at the earliest available opportunity regarding any material changes to this Plan, including but not limited to, any change of Employer Identification Number resulting from a corporate restructuring, any reduction in compensation from the amount previously submitted on the Plan that is not tied to a reduction in hours worked, any significant decrease in hours per week that a student engages in a STEM training opportunity, and any decrease in hours below the 20-hours-per-week minimum required under this rule;
3. Within five business days of the termination or departure of the student during the authorized period of OPT, I will report such termination or departure to the DSO (*Note*: business days do not include federal holidays or weekend days; and an employer shall consider a student to have departed when the employer knows the student has left the practical training opportunity, or when the student has not reported for practical training for a period of five consecutive business days without the consent of the employer); and
4. I will adhere to all applicable regulatory provisions that govern this program (*see 8 CFR Part 214*), which include, but are not limited to, the following:
 - a. The student's practical training opportunity is directly related to the STEM degree that qualifies the student for the STEM OPT extension, and the position offered to the student achieves the objectives of his or her participation in this training program;
 - b. The student will receive on-site supervision and training, consistent with this Plan, by experienced and knowledgeable staff;
 - c. The employer has sufficient resources and personnel to provide the specified training program set forth in this Plan, and the employer is prepared to implement that program, including at the location(s) identified in this Plan;
 - d. The student on a STEM OPT extension will not replace a full- or part-time, temporary or permanent U.S. worker. The terms and conditions of the STEM practical training opportunity—including duties, hours, and compensation—are commensurate with the terms and conditions applicable to the employer's similarly situated U.S. workers or, if the employer does not employ and has not recently employed more than two similarly situated U.S. workers in the area of employment, the terms and conditions of other similarly situated U.S. workers in the area of employment; and
 - e. The training conducted pursuant to this Plan complies with all applicable Federal and State requirements relating to employment.

Note: DHS may, at its discretion, conduct a site visit of the employer to ensure that program requirements are being met, including that the employer possesses and maintains the ability and resources to provide structured and guided work-based learning experiences consistent with this Plan.

Signature of Employer Official with Signatory Authority (Sign in ink): _____

Printed Name and Title of Employer Official with Signatory Authority: Monica Trevino, Immigration Manager

Date (mm-dd-yyyy): 06/17/2022 Printed Name of Employing Organization: Applied Materials, Inc.

SECTION 5: TRAINING PLAN FOR STEM OPT STUDENTS (Completed by Student and Employer)	
Student Name (Surname/Primary Name, Given Name): Thiyyagarajan Indumathi	
Employer Name: Applied Materials, Inc.	
EMPLOYER SITE INFORMATION	
Site Name: Applied Materials, Inc.	Site Address (Street, City, State, ZIP): 3325 Scott Blvd, Santa Clara, CA 95054
Name of Official: Sachin Dangayach	Official's Title: Manager, IT Advanced Analytics and Data Visual
Official's Email: sachin_dangayach@amat.com	Official's Phone Number: 4082037244
Note: for the remaining fields in this section, employers who already have an internal/pre-existing training plan in place may fill in the details based on that plan.	
<p>Student Role: Describe the student's role with the employer and how that role is directly related to enhancing the student's knowledge obtained through his or her qualifying STEM degree.</p> <p>The student graduated Masters in IT and Management where she studied Big Data, Business Intelligence and AI/ML skills.</p> <p>key responsibilities:</p> <ul style="list-style-type: none"> Support GIS and Business intelligence, Big Data and AI/ML personnel that interface with business unit or function customers for the purpose of business technology alignment, solution discovery, and service management. With supervision, analyzes business requirements and/or issues, converts analysis to functional and technical specifications, and assist in the design and technical development of Business intelligence, big data and AI/ML solutions to meet business requirements. Perform and document software application and technical platform configuration, prepare and execute test scenarios and scripts (unit, integration, performance, regression, acceptance) and data conversions. May participate in new technology evaluations. <p>With minimal supervision, provides Business Intelligence, big data and AI/ML application and platform support services to meet performance, availability, customer service level agreement, and customer satisfaction targets. Participates in reviewing and monitoring complex production systems to ensure continuous, effective performance; determines modifications as needed.</p> <p>Every exposure to above responsibilities while working as a IT Advanced Analytics and Data Solutions II will train the student to attain a higher level of understanding of her Data Science skills</p>	
<p>Goals and Objectives: Describe how the assignment(s) with the employer will help the student achieve his or her specific objectives for work-based learning related to his or her STEM degree. The description must both specify the student's goals regarding specific knowledge, skills, or techniques as well as the means by which they will be achieved.</p> <p>Students goal is to enhance her knowledge and gain professional hands on experience of the tools and techniques used in the field of Big Data, Business Intelligence and AI/ML. In addition to this student is also interested in expanding her knowledge into deep learning, natural language processing, feature engineering, model construction and model deployment. So student is assigned to and will be working on the projects involving her interested domains. Student will be provided with immense learning environment to get hands-on experience. Besides this student is also interested in setting up a learning path to enhance on her business strategy skill, domain knowledge and programming skill. The student will report to the me (supervisor) regularly, attend regular weekly team meeting and knowledge share meetings.</p>	
<p>Employer Oversight: Explain how the employer provides oversight and supervision of individuals filling positions such as that being filled by the named F-1 student. If the employer has a training program or related policy in place that controls such oversight and supervision, please describe.</p> <p>The student works under me and along with experienced data scientist. Weekly 1-1 meeting is conducted to understand the progress, check for difficulties faced by student and provide her feedback on her work. Monthly meeting with the student is set to obtain measurable and actionable goals and periodically track the progress of the goals. Obtaining feedback of the student's performance from the project peers and other data scientist. The students requires continuing training that is evaluated as a part of employer's work performance. The student is provided with on-the-job training for the knowledge in AI/ML. The student will be given access to all the company's knowledge base resources. Student will attend conferences, workshop and meetings happening in the company to obtain the overall company business mission</p>	
<p>Measures and Assessments: Explain how the employer measures and confirms whether individuals filling positions such as that being filled by the named F-1 student are acquiring new knowledge and skills. If the employer has a training program or related policy in place that controls such measures and assessments, please describe.</p> <p>Students are required to complete all the training modules assigned to them. I will check the student's progress on the weekly 1:1 meeting. The project progress and the impact of the solutions would be the main measurements of students performance. Besides weekly 1:1 meeting and quarterly goal setting meeting, student is required to complete an yearly performance evaluation. Yearly performance evaluations evaluates student's competencies such as problem solving, functional knowledge and skills, delivering results, civility and cultural competencies. The yearly evaluation section begins with self assessment which is then subjected to be reviewed by me and given feedback.</p>	

Additional Remarks (optional): Provide additional information pertinent to the Plan.

SECTION 6: EMPLOYER OFFICIAL CERTIFICATION

I declare and affirm under penalty of perjury that the statements and information made herein are true and correct to the best of my knowledge, information and belief. I understand that the law provides severe penalties for knowingly and willfully falsifying or concealing a material fact, or using any false document in the submission of this form.

Employer Official with Signatory Authority - I certify that:

1. I have reviewed, understand, and will follow this Training Plan for STEM OPT Students (Plan);
2. I will conduct the required periodic evaluations of the student;*
3. I will adhere to all applicable regulatory provisions that govern this program (*see 8 CFR Part 214.2(f)(10)(ii)*); and
4. I will notify the DSO regarding any material changes to or material deviations from this Plan at the earliest available opportunity, including if I believe the student is not receiving appropriate training as delineated in this Plan.

Signature of Employer Official with Signatory Authority (Sign in ink):



Printed Name and Title of Employer Official with Signatory Authority: Monica Trevino, Immigration Manager

Date (mm-dd-yyyy): 06/07/2022

PRIVACY ACT STATEMENT

AUTHORITIES: Section 101(a)(15)(F) of the Immigration and Nationality Act of 1952, as amended (INA), 8 U.S.C. 1101(a)(15)(F), Section 641 of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, Div. C, 110 Stat. 3009-546 (codified at 8 U.S.C. 1372), Section 502 of the Enhanced Border Security and Visa Entry Reform Act of 2002, Pub. L. 107-173, 116 Stat. 543 (codified at 8 U.S.C. 1762) and Homeland Security Presidential Directive No. 2 (HSPD-2), authorize U.S. Immigration and Customs Enforcement (ICE) to collect the information requested in this form.

PURPOSE: The information collection on this form is used to assist in the administration of the STEM Optional Practical Training (OPT) extension so that Designated School Officials (DSO) can properly recommend the Student for and review and help coordinate his or her STEM optional practical training opportunity.

ROUTINE USES: The information collected on this form may be shared with: the individuals who signed the Plan, relevant DSOs acting as liaisons with the DHS, Federal, State, local, or foreign government entities for law enforcement purposes, Members of Congress in response to requests on the Student's behalf, or as otherwise authorized pursuant to its published Privacy Act system of records notice - Privacy Act of 1974: U.S. Immigration and Customs Enforcement, DHS/ICE-001 Student and Exchange Visitor Information System (SEVIS) System of Records (<https://www.dhs.gov/system-records-notices-sorns>).

DISCLOSURE: The information you provide is voluntary. However, failure to provide the information requested on this form may delay or prevent participation in a STEM OPT opportunity.

PAPERWORK REDUCTION ACT

The public reporting burden for this collection of information is estimated to average 7.5 hours per response, including time required for searching existing data sources, gathering the necessary documentation, providing the information and/or documents required, and reviewing the final collection. You do not have to supply this information unless this collection displays a currently valid Office of Management and Budget (OMB) control number. If you have comments on the accuracy of this burden estimate and/or recommendations for reducing it, send them to: U.S. Immigration and Customs Enforcement, Office of Policy, 500 12th Street SW, Washington, D.C. 20536

*See evaluation forms that follow for student's first evaluation, to occur before the one year anniversary of the start date of the student's STEM OPT employment authorization, and final program evaluation.

EVALUATION ON STUDENT PROGRESS

Provide a self-evaluation of your performance, using the measures previously identified, in applying and acquiring new knowledge, skills, and competencies identified in the Training Plan for STEM OPT Students. Discuss accomplishments, successful projects, overall contributions, etc., during this review period. Address whether there are any modifications to the objectives and goals for projects, or new areas for skill and competency development.

Range of Evaluation Dates: From (mm-dd-yyyy): _____ To (mm-dd-yyyy): _____

Signature of Student (Sign in ink): _____

Printed Name of Student: _____ Date (mm-dd-yyyy): _____

Signature of Employer Official with Signatory Authority (Sign in ink): _____

Printed Name of Employer Official with Signatory Authority: _____ Date (mm-dd-yyyy): _____

FINAL EVALUATION ON STUDENT PROGRESS

Provide a self-evaluation of your performance, using the measures previously identified, in applying and acquiring new knowledge, skills, and competencies identified in the Training Plan for STEM OPT Students. Discuss accomplishments, successful projects, overall contributions, etc., during this review period. Address whether there are any modifications to the objectives and goals for projects, or new areas for skill and competency development.

Range of Evaluation Dates: From (mm-dd-yyyy): _____ To (mm-dd-yyyy): _____

Signature of Student (Sign in ink): _____

Printed Name of Student: _____ Date (mm-dd-yyyy): _____

Signature of Employer Official with Signatory Authority (Sign in ink): _____

Printed Name of Employer Official with Signatory Authority: _____ Date (mm-dd-yyyy): _____